

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

Study Programme Accreditation

UNDERGRADUATE ACADEMIC STUDIES

Mechanization and Construction Engineering



STUDY PROGRAMME ACCREDITATION MATERIAL:

MECHANIZATION AND CONSTRUCTION ENGINEERING

UNDERGRADUATE ACADEMIC STUDIES

Novi Sad 2012. Prevod sa srpskog jezika:

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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
Mechanics 1	 10
Fundamentals in Computing and Programming	 11
Mechanical Materials	 12
Technical Physics	 13
Chemistry in Mechanical Engineering	 14
Mathematics 2	 15
Mechanics 2	 16
Engineering Graphic Communications	 17
English Language – Elementary	 18
English Language – ESP Course	 19
Electric Machines and Power Electronics	 20
Electrical Engineering and Electric Machines	 21
German Language – Pre-Intermediate	 22
Mechanics 3	 23
Mechanical Elements	 24
Strength of Materials	 25
Machine Usage	 26
Fundamentals in Thermodynamics	 27
Fundamentals in Fluid Mechanics	 28
Basics of Manufacturing Technologies 1	 29
Computer-Aided Design	 30
Theory of Mechanisms and Machines	 31
Driving Systems	 32
Fundamentals of IC Engines	 33
Fundamentals of Motor Vehicles	 34





Biosystem Machines 1	 35
Fundamentals of Transportation Machines	 36
CAD/CAE Course	 37
Hydraulic Transmissions in Mechanization	 38
Fundamentals of technical systems control	 39
Mechanism Synthesis	 40
Theory of Oscillation	 41
Automatic Control Systems	 42
Metal Structures	 43
Engineering Logistics and Simulation	 44
Biosystem Machines 2	 45
Mechanical engineering technologies 2	 46
Professional Practice	 47
English Language – Pre-Intermediate	 48
Road Vehicle Theory	 49
German Language – Upper-Intermediate	 50
Project Management	 51
IC Engines	 52
Motor Vehicles	 53
Construction and Utility Machines	 54
Continuous and Automated Transport	 55
Power and Motion Transmission	 56
Mechanisms	 57
Warehouses and Equipment	 58
Cranes	 59
Methods of experimental testing of machines	 60
Bachelor Thesis	 61
Mechatronics of Transport and Construction	 62
Machines	 02
Product Development	 63
Mechatronics of Motors and Road Vehicles	 64
06. Programme Quality, Contemporaneity and International Compliance	 65
07. Student Enrollment	 66
08. Student Evaluation and Progress	 67





09. Teaching Staff	 68
Adžić Z. Nevenka	 68
9.1. Science, arts and professional qualifications	 68
Adžić Z. Nevenka	 69
Baloš S. Sebastian	 72
Berić B. Andrijana	 74
Bogdanović Ž. Vesna	 77
Bukurov Ž. Maša	 82
Cvetićanin J. Livija	 84
Časnji F. Ferenc	 86
Čavić M. Maja	 87
Dorić Ž. Jovan	 89
Dragutinović D. Gordan	 91
Đurić M. Nikola	 93
Gak M. Dragana	 95
Georgijević S. Milosav	 100
Gerić D. Katarina	 102
Glavardanov B. Valentin	 104
Gostimirović P. Marin	 106
Grahovac M. Nenad	 108
Jovanović M. Vukica	 110
Jović Đ. Miomira	 112
Juhas T. Anamarija	 114
Kakaš I. Damir	 116
Katić M. Marina	 118
Kiurski S. Jelena	 123
Klinar J. Ivan	 125
Kostić Z. Marko	 126
Kovačić N. Ivana	 128
Kozmidis-Petrović F. Ana	 130
Kulić J. Filip	 132
Kuzmanović B. Siniša	 135
Ličen S. Branislava	 137
Lončarević M. Ivana	 142





Lukić J. Tibor	 144
Malešev T. Petar	 146
Marčetić P. Darko	 148
Maretić B. Ratko	 150
Marić B. Branislav	 152
Martinov L. Milan	 154
Mihailović P. Biljana	 156
Milojević D. Zoran	 159
Mirović Đ. Ivana	 161
Navalušić V. Slobodan	 166
Nikolić M. Aleksandar	 168
Obradović M. Ratko	 170
Oros V. Đura	 172
Ostojić M. Gordana	 174
Pekarić-Nađ M. Neda	 177
Plančak E. Miroslav	 179
Porobić B. Vlado	 181
Prša A. Miroslav	 183
Radaković J. Nikola	 184
Radonić R. Jelena	 186
Rakarić Đ. Zvonko	 188
Simeunović V. Nenad	 190
Stankovski V. Stevan	 192
Šafranj F. Jelisaveta	 195
Šostakov S. Rastislav	 200
Teofanov Đ. Ljiljana	 202
Turk-Sekulić M. Maja	 204
Veselinov V. Branislav	 206
Vilotić Ž. Dragiša	 208
Vladić M. Jovan	 210
Zuber F. Ninoslav	 212
Zuković M. Miodrag	 214
Žigić M. Miodrag	 216
10. Organizational and Material Resources	 218



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



Content

- 11. Quality Control
- 12. Distance Education

_____ 219 _____ 220



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Study Programme Accreditation

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UNDERGRADUATE ACADEMIC STUDIES

Mechanization and Construction Engineering

Programme name	Mechanization and Construction 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	Mechanical Engineering
Type of studies	Undergraduate Academic Studies
Study scope, expressed in ECTS	240-243
Academic degree, abbreviation	Bachelor with Honours in Mechanical Engineering, B.Mech.Eng.
Study length	4
Programme implementation starting year	2005
Future course implementation starting year (for new programme)	
Number of students attending this programme	122
Planned number of students to be enrolled in this programme	200
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



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Study Programme Accreditation

UNDERGRADUATE ACADEMIC STUDIES

Mechanization and Construction Engineering



The study program of undergraduate academic studies in Mechanization and Construction Engineering was formed with the development education process at the Institute of Mechanization (now Department of Mechanization and Construction Engineering), within the Faculty of Mechanical Engineering in 1960, and is based on modern scientific and professional knowledge developments found in similar study programmes of leading universities around the world and is in accordance with the recommendations of the Bologna process and strategies of the technological development of the Autonomous Province of Vojvodina and the Republic of Serbia.

The studies at the undergraduate academic programme last 4 year, with the eight semester devoted to the preparation of the final, Bachelor paper (thesis). Students who have successfully completed the study programme are awarded the degree of Bachelor with Honour in Mechanical Engineering with the name of the study programme Mechanization and Construction Engineering stated in the Diploma Supplement.

The study programme of undergraduate academic studies provides the students with the necessary knowledge, skills and practical experience for the deign, technical exploitation and maintenance of machines and equipment in the area of transport, construction and agricultural mechanization, motors and vehicles. The acquired knowledge and skills enable the students who have obtained this degree to successfully respond to the demands of the market and economy in this area of mechanical engineering.

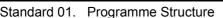


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UNDERGRADUATE ACADEMIC STUDIES

Mechanization and Construction Engineering



The name of the undergraduate academic study programme is Mechanization and Construction 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 (max 30 points) and students' aptitude (max 30 points) and is considered to be passed if the candidate has obtained at least 14 points.

The undergraduate academic study programme Mechanization and Construction Engineering lasts four years. The study programme is designed in such a way that the theoretical and methodology courses and scientific and professional courses offered during the first three semesters provide a high quality basis for the professional and applied courses in the area of mechanization (transport and construction mechanization, agricultural machines, motors and vehicles). The study programme comprise obligatory and elective courses. Elective courses are chosen from the group of suggested elective groups but, students can, in accordance with their preferences and desires, also choose, upon approval of the Head of the study programme, any of the courses offered by the Faculty of Technical Sciences, other faculties of the University of Novi Sad and other universities in the courtry and abroad. Standard requirements for attending elective courses must be met in this case.

The teaching process takes the form of lecture 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 factories or other establishments.

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 homework assignments, project tasks, semester or graphic assignments, where each student's activity is monitored and evaluated 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.



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Study Programme Accreditation

UNDERGRADUATE ACADEMIC STUDIES

Mechanization and Construction Engineering

Standard 02. Programme Objectives

The purpose of the study programme is the education of students for the profession of mechanical engineer in accordance to the needs of the society.

Mechanization and Construction Engineering 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 Mechanization and Construction Engineering undergraduate academic 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 mechanical engineering who are competent at the European and international level.



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Study Programme Accreditation

UNDERGRADUATE ACADEMIC STUDIES

Mechanization and Construction Engineering



Standard 03. Programme Goals

The aim of the study programme is to achieve competence and academic skills in the field of Mechanical engineering with the orientation to the area of Mechanization and Construction Engineering (design, exploitation and maintenance). This, among others includes the development of creative skills regarding research problems and critical thinking ability, as well as developing skills in team work and specific practical skills needed to perform profession.

The aim of the studies is to educate professionals who possess the necessary knowledge in the field of fundamental engineering disciplines (mathematics, mechanics, electrical engineering, design, application of modern information technologies, etc.,) in the field of mechanical engineering and the domain of modern mechanization.

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.



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Study Programme Accreditation

UNDERGRADUATE ACADEMIC STUDIES

Mechanization and Construction Engineering

Standard 04. Graduates` Competencies

Students who have completed Mechanization and Construction Engineering study programme 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.

With regard to their specific competences, students who have completed this study programme have acquired a thorough and understanding of all the disciplines relevant for the profession as well as the ability to solve practical problems using scientific methods and procedures. The study programme emphasizes the intensive use of information and communication technologies, especially in the field of design and construction.

The students who have completed this level of studies have the competence to apply their knowledge in practice and follow the new developments in their profession as well as cooperate with local community and international environment.

The students are able to design, provide maintenance and optimal technical exploitation of modern mechanization, as well as machines and tools for general purpose. 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 Mechanization and Construction Engineering 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, which is necessary component of modern design and maintenance of machines and devices, as well as the development of professional ethics.



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Study Programme Accreditation

UNDERGRADUATE ACADEMIC STUDIES

Mechanization and Construction Engineering

Standard 05. Curriculum

The curriculum of undergraduate academic studies 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.

The first three semesters represent the basic, general and theoretical education of students, while in the fourth, fifth, sixth, seventh and eighth semester their education is concencrated to the area of modern mechanization. The study programme includes obligatory and elective courses. Through elective courses students can define thir studies to meet their individual needs and interests.

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 and is carried out in suitable scientific and research institutions, innovation centres, organizations which provide infrastructure support for innovative activities, industrial and public institutions.

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 before 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.



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Study Programme Accreditation

UNDERGRADUATE ACADEMIC STUDIES

Mechanization and Construction Engineering

Course	:								
Course	id:	M102				Mathematics	1		
Numbe	r of ECTS:	7							
Teache	ers:	Т	eofanov Đ.	Ljiljana, Niko	lić M. Alek	sandar, Mihailović P. Bilja	ina		
Course	status:	М	andatory						
Numbe	r of active tead	hing classes	weekly)						
L	ectures:	Practical cla	asses:	Other teachi	ng types:	Study resea	arch work:	Other cla	sses:
	3	3	0 0				0		
Precon	dition courses	-		None		•			
1. Educ	cational goal:								
Enablin	ng students for	abstract think	ing, genera	lization and a	cquisition	of mathematical knowled	ge for technical appli	cation.	
2. Educ	cational outcom	nes (acquired	knowledge):					
The stu	ident is able to	apply mather	natical mod	els in profess	ional cour	ses.			
3. Cour	rse content/stru	icture:							
plane. I		ations, inverse	e matrix). P	olynomials a		Cramer`s rule, Gauss alo I functions. Number sequ			
4. Teac	hing methods:								
Lecture	es and practice	are auditory v	vith calcula	tion. Partial e	xaminatio	ns (colloquia) are taken a	fter bigger chapters.		
				Knowledge e	valuation	(maximum 100 points)			
	Pre-examina	ation obligation	าร	Mandatory	Points	Final ex	am	Mandatory	
Exercis	e attendance			Yes		Final exam - part one			Points
Exercise attendance							Yes	Points 35.00	
Lecture	Lecture attendance Test			Yes	5.00	Final exam - part two		Yes Yes	
Test				Yes Yes	10.00	Final exam - part two			35.00
					10.00 10.00				35.00
Test Test	1			Yes	10.00 10.00 Litera	ature		Yes	35.00 35.00
Test Test Ord.	Δ	suthor		Yes Yes	10.00 10.00 Liter Title	ature	Publishe	Yes	35.00 35.00 Year
Test Test	A Jovanka Niki	ć, Lidija Čomi		Yes	10.00 10.00 Liter Title	ature	Publishe Stylos d.o.o.	Yes	35.00 35.00
Test Test Ord.	A Jovanka Niki T.Grbić, S. L		ić, Zhirka	Yes Yes natika jedan,	10.00 10.00 Liter Title	ature		Yes	35.00 35.00 Year



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Study Programme Accreditation

UNDERGRADUATE ACADEMIC STUDIES

Mechanization and Construction Engineering

	:										
Course	id:	M103		Mechanics 1							
Number	r of ECTS:	5									
Teache	rs:		Cvetićanin	J. Livija, Zukov	ić M. Mioc	drag					
Course	status:		Mandatory								
Number	Number of active teaching classes (weekly)										
L	ectures:	Practical	classes:	Other teachi	ng types:	Study resea	arch work:	Other clas	sses:		
	2	2	2	0		0		0			
Precond	Precondition courses None										
1. Educ	ational goal:										
						d as a foundation for stud he ability of three-dimensi					
2. Educ	ational outcom	nes (acquire	ed knowledg	e):							
Acquisit	tion of knowled	lge necess	ary for the n	nechanical engi	neer.						
3. Cours	se content/stru	icture:									
relation: Force d Theoren system cylindric Crossec Invarian the equi Example 30. The	ships. Relatio lecomposition m on three no of forces and cal surface. 17 d forces. 21. M at of an arbitra illibrium existe les. 36. Equilité e elementary sl	 Space and time. Motion and inaction. 2. Force as a measure of mechanical action. Static equivalent systems. 3. Projecting forces on axis. Analytical definition of force. 4. Torque as a measure of mechanical action. Torque forces. 5. Statics axioms. 6. Axioms on relationships. Relationships and relationship reactions. 7. Addition of intersecting forces. 8. Force decomposition into two components. Force decomposition into three non-parallel components in the plane. 9. Confronted system of forces in the plane. Balance conditions. 10. Theorem on three non-parallel forces in the plane. 11. Static determinacy and indeterminacy. 12. Momentum for a point. 13. Planar system of forces and torques. Balance conditions. 14. Balance of the rigid body planar system. 15. Sliding friction. 16. Rope friction on the cylindrical surface. 17. Rolling friction. Torque friction. 18. Spatial confronted system of forces. Balance. 19. Adding torques. Balance. 20. Crossed forces. 21. Momentum of the axis. 22. Spatial systems of forces and torques. 23. Reducing torsions on dynamo. Central axis. 24. Invariant of an arbitrary system of forces and torques in space. 25. Addition of two parallel forces. 26. Rigid body equilibrium. The proof of the equilibrium existence. 27. Equilibrium of a homogeneous three-dimensional body. Examples. 28. Equilibrium of homogeneous plates. Examples. 36. Equilibrium of homogeneous line. Examples. 29. Analytical statics. Small movement. The number of degrees of freedom. 30. The elementary shift of the body points. Elementary angle of body rotation. 31. Elementary work of force. 									
32. Ideal relationships. 33. Principles of elementary work. 34. Stability of the equilibrium position.									axis. 24. proof of is plates. freedom.		
	hing methods:	s. 33. Princi	ody points.		le of body	lytical statics. Small move v rotation. 31. Elementary	es. 28. Equilibrium or ement. The number of work of force. Elemo	f homogeneou of degrees of t	axis. 24. proof of is plates. freedom.		
4. Teac	0	s. 33. Princi	ody points. I ples of elem		le of body 4. Stability	lytical statics. Small move v rotation. 31. Elementary	es. 28. Equilibrium or ement. The number of work of force. Elemo	f homogeneou of degrees of t	axis. 24. proof of is plates. freedom.		
4. Teac	0	s. 33. Princi	ody points. I ples of elem	ventary work. 3	le of body 4. Stability ing.	lytical statics. Small move v rotation. 31. Elementary	es. 28. Equilibrium or ement. The number of work of force. Elemo	f homogeneou of degrees of t	axis. 24. proof of is plates. freedom.		
4. Teac	0	s. 33. Princi while prac	ody points. I ples of elem tice is audito	ventary work. 3	le of body 4. Stability ing.	lytical statics. Small move / rotation. 31. Elementary / of the equilibrium positio	es. 28. Equilibrium o ement. The number of work of force. Elemon.	f homogeneou of degrees of t	axis. 24. proof of is plates. freedom.		
4. Teacl	s are auditory, Pre-examina e attendance	s. 33. Princi while prac	ody points. I ples of elem tice is audito	ventary work. 3 ory and comput Knowledge e	le of body 4. Stability ing. evaluation Points 15.00	lytical statics. Small move / rotation. 31. Elementary / of the equilibrium positio (maximum 100 points) Final ex Written part of the exam -	es. 28. Equilibrium o ement. The number o work of force. Elemo n.	homogeneou of degrees of t entary work of Mandatory Yes	axis. 24. e proof of is plates. freedom. torques. Points 15.00		
4. Teacl	s are auditory, Pre-examina	s. 33. Princi while prac	ody points. I ples of elem tice is audito	ory and comput Knowledge e Mandatory	le of body 4. Stability ing. evaluation Points 15.00 15.00	lytical statics. Small move / rotation. 31. Elementary / of the equilibrium positio (maximum 100 points) Final ex Written part of the exam - Coloquium exam	es. 28. Equilibrium o ement. The number o work of force. Elemo n.	Mandatory Yes Yes	axis. 24. e proof of is plates. freedom. torques. Points 15.00 40.00		
4. Teacl	s are auditory, Pre-examina e attendance	s. 33. Princi while prac	ody points. I ples of elem tice is audito	entary work. 3 ory and comput Knowledge e Mandatory Yes	le of body 4. Stability ing. evaluation Points 15.00 15.00	lytical statics. Small move y rotation. 31. Elementary y of the equilibrium positio (maximum 100 points) Final ex Written part of the exam Oral part of the exam	es. 28. Equilibrium o ement. The number o work of force. Elemo n.	homogeneou of degrees of t entary work of Mandatory Yes	axis. 24. e proof of is plates. freedom. torques. Points 15.00		
4. Teach Lectures Exercise Lecture	s are auditory, Pre-examina e attendance attendance	33. Princi while prac	ody points. I ples of elem tice is audito	entary work. 3 ory and comput Knowledge e Mandatory Yes	le of body 4. Stability ing. evaluation Points 15.00 15.00 Liter	lytical statics. Small move / rotation. 31. Elementary / of the equilibrium positio (maximum 100 points) Final ex Written part of the exam Coloquium exam Oral part of the exam ature	es. 28. Equilibrium o ement. The number o work of force. Elemo n. am tasks and theory	Mandatory Yes Yes Yes	axis. 24. proof of is plates. freedom. torques. Points 15.00 40.00 15.00		
4. Teacl	s are auditory, Pre-examina e attendance attendance	s. 33. Princi while prac ation obliga	ody points. I ples of elem tice is audito	entary work. 3 ory and comput Knowledge e Mandatory Yes Yes	le of body 4. Stability ing. evaluation Points 15.00 15.00	lytical statics. Small move / rotation. 31. Elementary / of the equilibrium positio (maximum 100 points) Final ex Written part of the exam Coloquium exam Oral part of the exam ature	es. 28. Equilibrium o ement. The number o work of force. Elemo n.	Mandatory Yes Yes Yes	axis. 24. e proof of is plates. freedom. torques. Points 15.00 40.00		



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



Study Programme Accreditation

UNDERGRADUATE ACADEMIC STUDIES

Mechanization and Construction Engineering

Course:									
Course id	d:	M104		Fundan	nental	s in Computing	and Program	ming	
Number of	of ECTS:	6							
Teachers	8:								
Course st	tatus:		Mandator	у					
Number of active teaching classes (weekly)									
Leo	ctures:	Practical	classes:	Other teachi	ng types:	Study resea	arch work:	Other classes:	
	0	C)	4 0 0					
Precondit	tion courses			None					
1. Educat	tional goal:								
	learn to worl y schools.	k with basic	c programr	mes of general p	urpose as	well as equalization of g	eneral knowledge in i	nformatics ac	quired in
2. Educat	tional outcom	nes (acquire	ed knowled	dge):					
	knowledge r cal Engineeri		the base fo	or mass usage o	f compute	rs, especially in groups o	f courses based on c	omputer appl	ication in
3. Course	e content/stru	icture:							
Microsoft concepts	t Word. Tabl	e arranging Internet E	g program	me Microsoft Ex	cel. Pres	in Microsoft Windows op entation design program lamentals in programmir	me Microsoft Power	Point. Intern	et, basic
4. Teachi	ing methods:								
partial ex		Partial exa	minations			e modules. During the praes, and taken on comput			
				Knowledge e	evaluation	(maximum 100 points)			
	Pre-examina	tion obligation	tions	Mandatory	Points	Final ex	kam	Mandatory	Points
	exercises			Yes		Oral part of the exam		Yes	50.00
	r exercise att	endance		Yes	5.00				
Presentat	tion			Yes	10.00				
Test				Yes	10.00 10.00				
Test Test				Yes	10.00				
1631				Yes		ature			
Ord.	Δ	uthor			Title		Publishe	r l	Year
1	Luković I., St Rakić M., Ste	efanović D		nove računarskil ručnik za vežbe		ija i programiranja,	FTN, Novi Sad		2002
	Krsmanović (D., Vasić V.,	C., Stefano	vić		ı, priručnik	za vežbe - skripta	FTN, Novi Sad		2005



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Study Programme Accreditation

UNDERGRADUATE ACADEMIC STUDIES

Mechanization and Construction Engineering

Course										
	id:	M105	Mechanical Materials							
Number	r of ECTS:	8								
Teacher	r:		Gerić D. Kata	arina						
Course	status:		Mandatory							
Number	Number of active teaching classes (weekly)									
L	ectures:	Practical	classes:	asses: Other teaching types: Study research work: Other classes:						
	4	()	3 0 1						
Precondition courses None										
1. Educ	ational goal:									
	Ū	nowledge ir	the field of s	cience on ma	terials and	materials used in mecha	inical engineering.			
2. Educa	ational outcom	nes (acquire	ed knowledge):						
	d knowledge i t mechanical p			ionship betwo	een chara	cteristics and properties	of materials and app	olication of ma	aterials in	
3. Cours	se content/stru	icture:								
phase d strength metal m copper a propertion material 4. Teach The cou	diagrams, one- nening and fra naterial proper and aluminium es and applica ls. hing methods: urse is interact	-, two- and cture. Clas rties. Impo n, propertie tion. 4. Co	three- compo sification and rtance of men s and applica mposite mate	onent system I characterist chanical prop ttion. 2. Cera rials (nano, m es and labora	s. Phase t ics of eng perties and mic mater nicro, and atory pract	ystals. Crystal plasticity. transformations liquid/sol ineering materials: 1. Mo d their experimental dete ials – structure, propertie macro composite materia	lid and solid/solid. M etal materials. Impace ermination. Metal materials. and application. 3 lls). Properties and a pretical part of the co	lechanisms of ct of microstru aterials based . Polymers – s pplication. Se purse is prese	f material ucture on d on iron, structure, lection of nted and	
						oratory practice, acquire s are held on a regular		plied on the a	available	
				Knowledge e	evaluation	(maximum 100 points)				
	Pre-examina	tion obliga	tions	Mandatory	Points	Final ex	kam	Mandatory	Points	
Laborate	ory exercise at	ttendance		Yes	5.00	Coloquium exam		Yes	20.00	
	attendance			Yes		Oral part of the exam		Yes	50.00	
Term pa	aper			Yes	10.00					
Test				Yes	10.00					
<u> </u>					Litera	ature				
Ord.		uthor			Title		Publishe	er	Year	
1,	L. Šiđanin, K			ski materijali			FTN, Novi Sad		2007	
2,	L. Šiđanin, K			ski materijali			FTN, Novi Sad		2007	
3,	L. Šiđanin, K	. Gerić		ski materijali	I - sveska	3	FTN, Novi Sad		2007	
4,	V. Đorđević		Mašin	ski materijali			Mašinski fakultet, I	•	2001	
5,	H.Šuman		Metal	ografija			Tehnološko – meta fakultet	IIUISKI	1981	



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



Study Programme Accreditation

UNDERGRADUATE ACADEMIC STUDIES

Mechanization and Construction Engineering

Course:										
Course	id:	M101	Technical Physics							
Numbe	r of ECTS:	4								
Teache	rs:		Kozmidis-Pe	trović F. Ana,	Lončarev	rić M. Ivana				
Course	status:		Elective							
Numbe	r of active teac	hing classe	s (weekly)							
L	ectures:	Practical	classes:	lasses: Other teaching types: Study research work: Other class						
	2	0		2		0		0		
Precon	dition courses	•		None		•	·			
1. Educ	ational goal:									
Acquisi	tion of basic kr	nowledge in	technical phy	ysics.						
2. Educ	ational outcom	nes (acquire	d knowledge	e):						
Basic k	nowledge in te	chnical phy	sics.							
3. Cour	se content/stru	icture:								
Condu- Electron Diamag The abs Dispers Black b	ctors and die magnetism. Th gnetism, paran sorption of sou ion. Optical ins	electric in ne magnetion nagnetism, and. Ultraso strument. M k law. Phote	an electric c field of elec ferromagneti und. Optics. /ave optics. F	field. Electri tricity. Electro ism. Wave pro The basic law Polarization. D	city. DC, magnetic opagation s of geon	tivity. Fundamentals of resistance. Modern th induction. Magnetic field and acoustics. Wave eq netrical optics. Regular re of light and X – ray diffrac . Physical basis of nuclea	heory of conductiv energy. AC. Magnet juation. Doppler effe flection. Diffuse refle ction. Color. Dualism	ity. Semicor tic field in the ct. Power and ction. Index i of light. Heat	nductors material d volume refraction radiation	
4. Teac	hing methods:									
Lecture	s, Laboratory I	Practice, Co	omputing Pra	ctice, Consulta	ations.					
				Knowledge e	valuation	(maximum 100 points)				
	Pre-examina	ation obligat	ions	Mandatory	Points	Final ex	kam	Mandatory	Points	
	ory exercise d	efence		Yes		Written part of the exam	- tasks and theory	Yes	70.00	
Lecture	attendance			Yes	10.00					
					Liter	ature				
Ord.	A	uthor			Title	9	Publishe	-	Year	
1,	Ana Petrović	;	Osno	vi primenjene	fizike		Univerzitet u Novor Fakultet Tehničkih I		2007	



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UNIVERSITY OF NOVI SAD

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



Study Programme Accreditation

UNDERGRADUATE ACADEMIC STUDIES

Mechanization and Construction Engineering

-	÷								
Course	id:	Z151	Chemistry in Mechanical Engineering						
Numbe	r of ECTS:	4							
Teache	ers:	Ki	urski S. Je	lena, Radonio	R. Jelena	a, Turk-Sekulić M. Maja			
Course	status:	El	ective						
Numbe	r of active tead	hing classes (weekly)						
L	ectures:	Practical cla	sses:	Other teachi	ng types:	Study resea	arch work:	Other cla	asses:
	2	0		2		0		0	
Precon	dition courses	•		None					
1. Educ	cational goal:			-					
Introduo	cing students	of technical pr	ofession to	o the basic pri	nciples an	d chemistry laws.			
2. Educ	cational outcom	nes (acquired l	knowledge	e):					
	ng basic know nical reactions				and inorga	nic chemistry and unders	standing all the proce	esses and ph	enomena
3. Cour	se content/stru	ucture:							
periodic Structur organic process Fuels a	c table of elem re of molecule compounds. (nents. Basic cl s. Dispersed s Chemical kinet . Corrosion pr	nemical la systems. S ic. Chemic	ws. Atom stru Solutions. Typ cal equilibrium	ucture. Str bes and ch n. Electroly	e. Chemical reactions, s ucture of pure substance haracteristics of inorganic /te dissociation. Dissocia . Thermodynamic and kin	es. Chemical bonds. c compounds. Types tion of water. pH valu	Intermolecul and charactere. Oxidation	ar bonds. eristics of reduction
lectures	s, laboratory ai	nd computing				vidual and group. During	semester students		
oonoqu	lame.	of computation				ed examination prerequis tional part of the final ex	ites, students take th	e final exam	in written
		of computation		eoretical part.	Computa	ed examination prerequis tional part of the final ex	ites, students take th	e final exam	in written
	Pre-examina		hal and the	eoretical part. Knowledge	Computa	ed examination prerequis tional part of the final ex (maximum 100 points)	ites, students take th am can be quarterly	e final exam taken throug	in written h the two
Exercis	Pre-examina e attendance	of computation	hal and the	Knowledge Mandatory	Computa evaluation Points	ed examination prerequis tional part of the final ex (maximum 100 points) Final ex	ites, students take th am can be quarterly kam	e final exam	in written h the two
		ation obligation	hal and the	eoretical part. Knowledge	Computa evaluation Points 5.00	ed examination prerequis tional part of the final ex (maximum 100 points)	ites, students take th am can be quarterly kam	e final exam taken throug Mandatory	in written h the two Points
Laborat	e attendance	ation obligation	hal and the	Knowledge of Mandatory	Computa evaluation Points 5.00 20.00	ed examination prerequis tional part of the final ex (maximum 100 points) Final ex Written part of the exam	ites, students take th am can be quarterly kam	e final exam taken throug Mandatory Yes	in written h the two Points 70.00
Laborat	e attendance tory exercise d	ation obligation	hal and the	Knowledge e Mandatory Yes Yes	Computa evaluation Points 5.00 20.00 5.00	ed examination prerequis tional part of the final ex (maximum 100 points) Final ex Written part of the exam Coloquium exam	ites, students take th am can be quarterly kam	Mandatory Yes No	in written h the two Points 70.00 20.00
Laborat	e attendance tory exercise d attendance	ation obligation	hal and the	Knowledge e Mandatory Yes Yes	Computa evaluation Points 5.00 20.00 5.00	ed examination prerequis tional part of the final ex (maximum 100 points) Final ex Written part of the exam Coloquium exam Coloquium exam ature	ites, students take th am can be quarterly kam	e final exam taken throug Mandatory Yes No No	in written h the two Points 70.00 20.00
Laborat Lecture	e attendance tory exercise d attendance	ation obligation efence Author Miloradov, M.	HEMI	Knowledge e Mandatory Yes Yes Yes JA (interna sk	Computa evaluation Points 5.00 20.00 5.00 Liter Title	ed examination prerequis tional part of the final ex (maximum 100 points) Final ex Written part of the exam Coloquium exam Coloquium exam ature	ites, students take th am can be quarterly kam - tasks and theory	e final exam taken throug Mandatory Yes No No	in written h the two Points 70.00 20.00 20.00
Laborat Lecture Ord.	e attendance tory exercise d e attendance M. Vojinović Turk Sekulić M. Vojinović	ation obligation efence Author Miloradov, M. , J. Radonić Miloradov et a	HEMI	Knowledge e Mandatory Yes Yes Yes JA (interna sk	Computa evaluation Points 5.00 20.00 5.00 Liter Title cripta)	ed examination prerequis tional part of the final ex (maximum 100 points) Final ex Written part of the exam Coloquium exam Coloquium exam ature sa uputstvima za vežbe	ites, students take th am can be quarterly kam - tasks and theory Publishe	e final exam taken throug Mandatory Yes No No	in written h the two Points 70.00 20.00 20.00 Year
Laborat Lecture Ord. 1,	e attendance tory exercise d e attendance M. Vojinović Turk Sekulić M. Vojinović	ation obligation efence Author Miloradov, M. Miloradov et a ć, N., Stojanov	HEMI I. RADN ić, ŠTET	A SVESKA, dmeta HEMIJ	Computa evaluation Points 5.00 20.00 5.00 Liter Title cripta) Praktikum A U MAŠI E MATERI	ed examination prerequis tional part of the final ex (maximum 100 points) Final ex Written part of the exam Coloquium exam Coloquium exam ature sa uputstvima za vežbe NSTVU	ites, students take th am can be quarterly kam - tasks and theory Publishe FTN, Novi Sad,	e final exam taken throug Mandatory Yes No No	in written h the two Points 70.00 20.00 20.00 Year 2011
Laborat Lecture Ord. 1, 2,	e attendance tory exercise d attendance M. Vojinović Turk Sekulić M. Vojinović O. Stojanović Đ. Kosanović	ation obligation efence Author Miloradov, M. , J. Radonić Miloradov et a ć, N., Stojanov ć	HEMI I. RADN ić, ŠTET OPĆA pogla	A I ANORGAN Vija)	Computa evaluation Points 5.00 20.00 5.00 Liter Title cripta) Praktikum A U MAŠI E MATERI	ed examination prerequis tional part of the final ex (maximum 100 points) Final e: Written part of the exam Coloquium exam Coloquium exam ature sa uputstvima za vežbe NSTVU JE IIJA I, II (odabrana	ites, students take th am can be quarterly kam - tasks and theory Publishe FTN, Novi Sad, FTN, Novi Sad	Mandatory Yes No No	in written h the two Points 70.00 20.00 20.00 Year 2011 2012
Laborat Lecture Ord. 1, 2, 3,	e attendance tory exercise d e attendance M. Vojinović Turk Sekulić M. Vojinović O. Stojanovic Đ. Kosanovic I. Filipović, S S. Arsenijevi	ation obligation efence Author Miloradov, M. J. Radonić Miloradov et a ć, N., Stojanov ć Lipanović ć	HEMI I. RADN ić, ŠTET OPĆA pogla	A I NEORGA	Computa evaluation Points 5.00 20.00 5.00 Liter Title cripta) Praktikum A U MAŠI E MATERI	ed examination prerequis tional part of the final ex (maximum 100 points) Final ex Written part of the exam Coloquium exam Coloquium exam ature sa uputstvima za vežbe NSTVU	ites, students take th am can be quarterly kam - tasks and theory - tasks and theory Publishe FTN, Novi Sad, FTN, Novi Sad Rad, Beograd Školska knjiga, Zag Naučna knjiga, Beo	Mandatory Yes No No er	in written h the two Points 70.00 20.00 20.00 Year 2011 2012 1995
Laborat Lecture Ord. 1, 2, 3, 4,	e attendance tory exercise d e attendance M. Vojinović Turk Sekulić M. Vojinović O. Stojanović Đ. Kosanović I. Filipović, S	ation obligation efence Author Miloradov, M. J. Radonić Miloradov et a ć, N., Stojanov ć Lipanović ć	HEMI I. RADN iz pre ić, ŠTET OPĆA pogla OPŠI pogla	A I NEORGA	Computa evaluation Points 5.00 20.00 5.00 Liter Title rripta) Praktikum A U MAŠI E MATERI ISKA KEM	ed examination prerequis tional part of the final ex (maximum 100 points) Final e: Written part of the exam Coloquium exam Coloquium exam ature sa uputstvima za vežbe NSTVU JE IIJA I, II (odabrana	ites, students take th am can be quarterly kam - tasks and theory Publishe FTN, Novi Sad, FTN, Novi Sad Rad, Beograd Školska knjiga, Zag Naučna knjiga, Beo Oxford University P New York	Mandatory Yes No No er reb ograd ress Inc.,	in written h the two Points 70.00 20.00 20.00 Year 2011 2012 1995 1991
Laborat Lecture Ord. 1, 2, 3, 4, 5,	e attendance tory exercise d e attendance M. Vojinović Turk Sekulić M. Vojinović O. Stojanovic Đ. Kosanovic I. Filipović, S S. Arsenijevi G. W. vanLo	ation obligation efence Author Miloradov, M. J. Radonić Miloradov et a ć, N., Stojanov ć Lipanović ć	HEMI I. RADN I. RADN I. STET OPCA pogla OPST pogla	A I NEORGA	Computa evaluation Points 5.00 20.00 5.00 Liter Title cripta) Praktikum A U MAŠI E MATERI ISKA KEM NSKA HE mistry	ed examination prerequis tional part of the final ex (maximum 100 points) Final e: Written part of the exam Coloquium exam Coloquium exam ature sa uputstvima za vežbe NSTVU JE IIJA I, II (odabrana	ites, students take th am can be quarterly kam - tasks and theory - tasks and theory Publishe FTN, Novi Sad, FTN, Novi Sad Rad, Beograd Školska knjiga, Zag Naučna knjiga, Beo Oxford University P	Mandatory Yes No No er reb ograd ress Inc.,	in written h the two Points 70.00 20.00 20.00 Year 2011 2012 1995 1991 1998
Laborat Lecture Ord. 1, 2, 3, 4, 5, 6,	e attendance tory exercise d attendance M. Vojinović Turk Sekulić M. Vojinović O. Stojanovic D. Kosanovic I. Filipović, S S. Arsenijevi G. W. vanLo Duffy	ation obligation efence Author Miloradov, M. J. Radonić Miloradov et a ć, N., Stojanov ć Lipanović ć	HEMI I. RADN iz pre ić, ŠTET OPĊA pogla OPŠI pogla Enviro	A I NEORGAN Vija) Commental Che	Computa evaluation Points 5.00 20.00 5.00 Liter Title cripta) Praktikum A U MAŠI E MATERI ISKA KEM NSKA HE mistry	ed examination prerequis tional part of the final ex (maximum 100 points) Final e: Written part of the exam Coloquium exam Coloquium exam ature sa uputstvima za vežbe NSTVU JE IIJA I, II (odabrana	ites, students take th am can be quarterly kam - tasks and theory - tasks and theory - tasks and theory - tasks and theory - Publishe FTN, Novi Sad, FTN, Novi Sad, Rad, Beograd - Školska knjiga, Zag Naučna knjiga, Beo Oxford University P New York Oxford University P	Mandatory Yes No No er reb ograd ress Inc., ress Inc.,	in written h the two Points 70.00 20.00 20.00 Year 2011 2012 1995 1991 1998 2011



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



Study Programme Accreditation

UNDERGRADUATE ACADEMIC STUDIES

Mechanization and Construction Engineering

Course:										
Course	id:	M106				Mathematics	2			
Number	of ECTS:	7								
Teacher	rs:	Тео	Teofanov Đ. Ljiljana, Lukić J. Tibor, Kostić Z. Marko, Adžić Z. Nevenka							
Course	status:	Mar	datory							
Number of active teaching classes (weekly)										
Le	ectures:	Practical class	asses: Other teaching types: Study research work: Other classes:						sses:	
	3	3		0		0		0		
Precond	lition courses			None		•				
1. Educa	ational goal:									
Students	s are able to th	nink in an abstra	ct way, g	eneralize an	d acquire	mathematical knowledge	for the application in	technology.		
					•					
2. Educa	ational outcom	nes (acquired kn	owledge):						
Students	s are able to a	pply mathemati	cal mode	ls in enginee	ring scien	ces.				
3. Cours	se content/stru	icture:								
Real fur	nctions and va	ariables (bound	arv value	s differentia	l calculus	and their application). Ir	definite integral def	finite integral	and their	
						der. Linear differential ed				
4. Teach	ning methods:									
	s and practica examination a		uditory a	nd calculation	n. Studen	ts are assigned homewo	rk for individual work	and after lar	ger units	
				Knowledge e	evaluation	(maximum 100 points)				
	Pre-examina	tion obligations		Mandatory	Points	Final ex	kam	Mandatory	Points	
Exercise	e attendance	-		Yes	5.00	Final exam - part one		Yes	35.00	
Lecture	attendance			Yes	5.00	Final exam - part two		Yes	35.00	
Test				Yes	10.00					
Test				Yes	10.00					
_			_		Liter	ature				
Ord.	-	uthor			Title)	Publishe	er	Year	
1,		Nataša Sladoje	Integra	alni račun			FTN, Novi Sad		1997	
2,	Irena Čomić, Nikolić	Aleksandar	Difere	ncijalne jedna	ačine		FTN Novi Sad		1999	
3,	Nevenka Adž	źić	Maten	natika 2			CMS, FTN, Novi Sa	ad	1999	



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UNIVERSITY OF NOVI SAD

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



Study Programme Accreditation

UNDERGRADUATE ACADEMIC STUDIES

Mechanization and Construction Engineering

Course:									
Course i	id:	 M107				Mechanics 2	2		
Number	of ECTS:	5							
Teacher	'S:		Cvetićanin J	I. Livija, Zukov	rić M. Mioo	drag			
Course	status:		Mandatory						
Number	of active tead	ching classe	es (weekly)						
Le	ectures:	Practical	classes:	Other teachi	ng types:	Study resea	arch work:	Other cla	sses:
	2	2	2	0		0		0	
Precond	lition courses			None					
1. Educa	ational goal:			-					
	elop abstract f ry of motion.	thinking an	d acquire bas	sic knowledge	in the fie	ld of Kinematics as the fu	undamental subject	necessary for	studying
2. Educa	ational outcon	nes (acquir	ed knowledge	e):					
Acquired	d knowledge i	necessary f	or the future	mechanical er	igineer.				
3. Cours	se content/stru	ucture:							
Circulat translato parallel a body mo plain mo plain mo motion. Angle sp 31. Axio	ion of body a bry movement axes. 14. Mot ovement. 18. otion from the otion. 23. Cen 26. Spherical opeed and ang	around a fi t. 12. Rotati tion in the o Plain motio pole selec itroids. 24. I motion of ile accelera body motio	xed axis. 10 ion of body ar pposite direc n of a rigid b tion. 21. The Relationship a rigid body. tion of a body n. 33. Speed	. Uniform and round two axe tion along two body. 19. Com corem on spece of acceleration . Number of do y in spherical and acceleration	d evenly of s which an parallel a nection of ed projection n of body egrees-of- movemen	ements along the circle. changeable rotation of a re intersected. 13. Motion xes. 15. Angle speed. 16. point speeds in plain mo ions of two points in plair points in plain motion. 25 freedom. 27. D'Alamber t. 30. Speed and accelera ly points in free movemen	rigid body around of a body in the san Intersection of anglition. 20. Independent motion. 22. Tempo Momentary pole of Euler's theorem. 28 ation of the body poi	an axis. 11. (ne direction arc e speeds. 17. nce of angle sp prary speed po f acceleration i 3. Euler`s num nts in spherica	Complex ound two Complex beed in a ble of the in a plain bers. 29. al motion.
4. Teach	ning methods:	:							
Lectures	s and practica	l classes.							
				Knowledge e	evaluation	(maximum 100 points)			
	Pre-examina	ation obliga	tions	Mandatory	Points	Final ex	kam	Mandatory	Points
Exercise	e attendance			Yes	15.00	Written part of the exam		Yes	15.00
Lecture	attendance			Yes	15.00	Coloquium exam		Yes	40.00
						Oral part of the exam		Yes	15.00
					Liter	ature			
Ord.	ŀ	Author			Title		Publish	er	
1,	Ð. Ðukić, L.	Cvetićanin	Kinor	natika					Year
2.	R. Maretić	Ovencarini	KINCI	natina			FTN Novi Sad		Year 2005



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



Study Programme Accreditation

UNDERGRADUATE ACADEMIC STUDIES

Mechanization and Construction Engineering

	:			-	alic	ing Orankia C		_	
Course	id: N	v108		En	gineer	ing Graphic Co	mmunications	5	
Numbe	r of ECTS: 9)							
Teache	ers:	Mil	ojević D. l	Zoran, Navalı	ušić V. Slo	bodan, Obradović M. Rat	ko		
Course	status:	Ма	ndatory						
Numbe	r of active teach	ning classes (w	veekly)						
L	ectures:	Practical clas	sses:	Other teachi	ng types:	Study rese	arch work:	Other cla	asses:
	4	2		2		C		0	
Precon	dition courses			None					
1. Educ	cational goal:								
						gineering knowledge on to velop technical drawing			ntation o
2. Educ	cational outcome	es (acquired k	nowledge	e):					
	tanding geome					2D representation. Use	of computer in desig	n and develo	opment of
3. Cour	se content/struc	cture:							
surface Fundar suppler Coordir space section Visualiz Engine	es and bodies us mental notions mentary elemen nate systems. D and 2D transfo ns. Drawing ob zation. Visualiza	sed in mechan on the engine nts. Standard escartes, pola irmations: tra jects from or ation techniqu	ical engin eering des s and sta ar, cylindri nslation, ne view. es with er	neering. Chara sign process. andard numbe ical, spherical rotation, scal Axonometry. ngineering dra	acteristic v Introduct ers. Techi , absolute ling, com Cavalier	developmental surfaces. riews. Piping problems. tion to engineering graph nical drawing standards. and relative coordinates plex transformations. Dr projection. Perspective	nic communications. Basic elements of e Fundamentals in eng awing objects from e. Other ways of gra	Basic equipr engineering g gineering gra multiple view aphic repres	ment and geometry phics. 2D vs. Cross sentation
quality 4. Teac		embly drawin	g. Works	hop drawing.	ng. Shape	e and position tolerances c drawing. Fundamental	. Maximum material of	condition. Ma	graphics arking the
quality 4. Teac	of surface. Ass ching methods:	embly drawin	g. Works	hop drawing. sultations.	ng. Shape Schemati	and position tolerances c drawing. Fundamental	. Maximum material of	condition. Ma	graphics arking the
quality 4. Teac	of surface. Ass ching methods: es, computer and	embly drawin d graphic prac	g. Worksl	hop drawing. sultations. Knowledge e	ng. Shape Schemati	e and position tolerances c drawing. Fundamental (maximum 100 points)	. Maximum material o	condition. Ma	graphics arking the gn.
quality 4. Teac Lecture	of surface. Ass ching methods:	embly drawin d graphic prac	g. Worksl	hop drawing. sultations.	ng. Shape Schemati evaluation Points	and position tolerances c drawing. Fundamental	. Maximum material (s in computer aided) xam	condition. Ma	graphics arking the gn.
quality 4. Teac Lecture Exercis	of surface. Ass ching methods: es, computer and Pre-examinat	embly drawin d graphic prac	g. Worksl	hop drawing. sultations. Knowledge e Mandatory	ng. Shape Schemati evaluation Points	e and position tolerances c drawing. Fundamental (maximum 100 points) Final e	. Maximum material (s in computer aided) xam	condition. Ma product desig Mandatory	graphics arking the gn. Points
quality 4. Teac Lecture Exercis Lecture Presen	of surface. Ass ching methods: es, computer and Pre-examinat e attendance e attendance tation	embly drawin d graphic prac	g. Worksl	hop drawing. sultations. Knowledge e Mandatory Yes Yes Yes	evaluation Points 5.00 10.00	e and position tolerances c drawing. Fundamental (maximum 100 points) Final e	. Maximum material (s in computer aided) xam	condition. Ma product desig Mandatory	graphics arking the gn. Points
quality 4. Teac Lecture Exercis Lecture Presen Project	of surface. Ass ching methods: es, computer and Pre-examinat e attendance attendance tation task	embly drawin d graphic prac	g. Worksl	hop drawing. sultations. Knowledge e Mandatory Yes Yes Yes Yes Yes	evaluation Points 5.00 10.00 15.00	e and position tolerances c drawing. Fundamental (maximum 100 points) Final e	. Maximum material (s in computer aided) xam	condition. Ma product desig Mandatory	graphics arking the gn. Points
quality 4. Teac Lecture Exercis Lecture Presen Project	of surface. Ass ching methods: es, computer and Pre-examinat e attendance attendance tation task	embly drawin d graphic prac	g. Worksl	kop drawing. sultations. Knowledge e Mandatory Yes Yes Yes Yes Yes Yes	evaluation Points 5.00 5.00 10.00 15.00 15.00	e and position tolerances c drawing. Fundamental (maximum 100 points) Final e	. Maximum material (s in computer aided) xam	condition. Ma product desig Mandatory	graphics arking the gn. Points
quality 4. Teac Lecture Exercis Lecture Presen Project Test	of surface. Ass ching methods: es, computer and Pre-examinat e attendance attendance tation task	embly drawin d graphic prac	g. Worksl	hop drawing. sultations. Knowledge e Mandatory Yes Yes Yes Yes Yes Yes Yes	evaluation Points 5.00 10.00 15.00 15.00 15.00 10.00	e and position tolerances c drawing. Fundamental (maximum 100 points) Final e	. Maximum material (s in computer aided) xam	condition. Ma product desig Mandatory	graphics arking the gn. Points
quality 4. Teac Lecture Exercis Lecture Presen Project	of surface. Ass ching methods: es, computer and Pre-examinat e attendance attendance tation task	embly drawin d graphic prac	g. Worksl	kop drawing. sultations. Knowledge e Mandatory Yes Yes Yes Yes Yes Yes	evaluation Points 5.00 10.00 15.00 15.00 15.00 10.00 10.00	and position tolerances c drawing. Fundamental (maximum 100 points) Final e Practical part of the exar	. Maximum material (s in computer aided) xam	condition. Ma product desig Mandatory	graphics arking the gn. Points
quality 4. Teac Lecture Exercis Lecture Presen Project Test	of surface. Ass ching methods: es, computer and Pre-examinat e attendance tation task task	embly drawin d graphic prac	g. Worksl	hop drawing. sultations. Knowledge e Mandatory Yes Yes Yes Yes Yes Yes Yes	evaluation Points 5.00 10.00 15.00 15.00 15.00 10.00 10.00	and position tolerances c drawing. Fundamental (maximum 100 points) Final e Practical part of the exar	. Maximum material (s in computer aided) xam	Mandatory Yes	graphics arking the gn. Points
quality 4. Teac Lecture Exercis Lecture Presen Project Project Test	of surface. Ass ching methods: es, computer and Pre-examinat e attendance tation task task	embly drawin d graphic prac tion obligations	g. Works tice, cons	hop drawing. sultations. Knowledge e Mandatory Yes Yes Yes Yes Yes Yes Yes	evaluation Points 5.00 10.00 15.00 15.00 15.00 10.00 10.00 Liter Title	and position tolerances c drawing. Fundamental (maximum 100 points) Final e Practical part of the exar ature	. Maximum material o s in computer aided xam n - tasks	Mandatory Yes	graphics arking the gn. Points 30.00
quality 4. Teac Lecture Exercis Lecture Presen Project Test Test Ord.	of surface. Ass ching methods: es, computer and Pre-examinat e attendance e attendance tation task task task	embly drawin d graphic prac tion obligation: tion z. Milojević	g. Worksl tice, cons s s Inžen Konst	hop drawing. sultations. Knowledge e Mandatory Yes Yes Yes Yes Yes Yes Yes jerske grafička truktivna geon	evaluation Points 5.00 10.00 15.00 15.00 15.00 10.00 10.00 Liter Title e komunik	and position tolerances c drawing. Fundamental (maximum 100 points) Final e Practical part of the exar ature	. Maximum material of s in computer aided p xam n - tasks Publishe	Mandatory Yes	graphics arking the gn. Points 30.00
quality 4. Teac Lecture Exercis Lecture Presen Project Test Test Ord. 1,	of surface. Ass ching methods: es, computer and Pre-examinat e attendance e attendance tation task task task S. Navalušić, Ratko Obrado G. Bertoline, others	embly drawin d graphic prac tion obligations tion obligations Z. Milojević pvić E, Wiebe, and	g. Worksl tice, cons s s l l konst skript d editio	hop drawing. sultations. Knowledge e Mandatory Yes Yes Yes Yes Yes Yes Yes Yes	evaluation Points 5.00 5.00 10.00 15.00 15.00 10.00 Liter Title e komunik netrija, au	and position tolerances c drawing. Fundamental (maximum 100 points) Final e Practical part of the exar ature ature	. Maximum material of s in computer aided p xam n - tasks Publishe FTN, Novi Sad	Mandatory Yes	graphics arking the gn. Points 30.00 Year 2005
quality 4. Teac Lecture Exercis Lecture Presen Project Test Test Ord. 1, 2,	of surface. Ass ching methods: es, computer and Pre-examinat e attendance e attendance tation task task task S. Navalušić, Ratko Obrado G. Bertoline, others F. Giesecke,	embly drawin d graphic prac tion obligations tion obligations Z. Milojević pvić E, Wiebe, and	g. Worksl tice, cons s s Inžen Konst skript I Fund editio	hop drawing. sultations. Knowledge e Mandatory Yes Yes Yes Yes Yes Yes Yes Yes	evaluation Points 5.00 5.00 10.00 15.00 15.00 10.00 10.00 Liter Title e komunik netrija, au	and position tolerances c drawing. Fundamental (maximum 100 points) Final e Practical part of the exar practical part of the exar ature ature cacije, skripta torizovana predavanja -	. Maximum material of s in computer aided p xam n - tasks Publishe FTN, Novi Sad FTN, Novi Sad	Mandatory Yes	graphics arking the gn. Points 30.00 Year 2005 2005
quality 4. Teac Lecture Exercis Lecture Project Project Test Test Ord. 1, 2, 3,	of surface. Ass ching methods: es, computer and Pre-examinat e attendance e attendance tation task task task S. Navalušić, Ratko Obrado G. Bertoline, others	embly drawin d graphic prac tion obligations tion obligations Z. Milojević pvić E, Wiebe, and	g. Worksl tice, cons s s l l l konst skript d editio nd Mode	hop drawing. Knowledge e Mandatory Yes Yes Yes Yes Yes Yes Yes Jerske grafičke truktivna geon alamentals of g n ern Graphics (heering Desig	evaluation Points 5.00 5.00 10.00 15.00 15.00 10.00 10.00 Liter Title e komunik netrija, au graphics co Communic n and Gra	e and position tolerances c drawing. Fundamental (maximum 100 points) Final e Practical part of the exar ature accije, skripta torizovana predavanja - communication, third cation, second edition uphics, eleventh edition	. Maximum material of s in computer aided p xam n - tasks Publishe FTN, Novi Sad FTN, Novi Sad McGraw-Hill	Mandatory Yes	graphics arking the gn. Points 30.00 30.00 2005 2005 2002
quality 4. Teac Lecture Exercis Lecture Presen Project Test Test Ord. 1, 2, 3, 4,	of surface. Ass ching methods: es, computer and Pre-examinat e attendance e attendance tation task task task S. Navalušić, Ratko Obrado G. Bertoline, others F. Giesecke, others	embly drawin d graphic prac tion obligations tion obligations Z. Milojević pvić E, Wiebe, and	g. Worksl tice, cons s s l l l konst skript d editio nd Mode	hop drawing. Knowledge e Mandatory Yes Yes Yes Yes Yes Yes Yes Yes	evaluation Points 5.00 5.00 10.00 15.00 15.00 10.00 10.00 Liter Title e komunik netrija, au graphics co Communic n and Gra	e and position tolerances c drawing. Fundamental (maximum 100 points) Final e Practical part of the exar ature e tacije, skripta torizovana predavanja - ommunication, third cation, second edition	. Maximum material of s in computer aided p xam n - tasks FTN, Novi Sad FTN, Novi Sad McGraw-Hill Prentice Hall	Mandatory Yes	graphics arking the gn. Points 30.00 Year 2005 2005 2002 2001



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UNIVERSITY OF NOVI SAD

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



Study Programme Accreditation

UNDERGRADUATE ACADEMIC STUDIES

Mechanization and Construction Engineering

Course	:								
Course	id:	EJ01L			Englis	h Language – E	lementary		
Number	r of ECTS:	2							
Teache	rs:		Bogdanović F. Jelisaveta		k M. Drag	ana, Katić M. Marina, Liče	en S. Branislava, Mirc	vić Đ. Ivana,	Šafranj
Course	status:		Elective						
Number	r of active teac	hing classe	es (weekly)			_			
L	ectures:	Practical	classes:	Other teachi	ng types:	Study resea	arch work:	Other cla	sses:
	2	C)	0		0		0	
Precon	dition courses			None			<u>.</u>		
1. Educ	ational goal:								
	ng English lan ics of English l				glish sour	nds, adoption of vocabula	ry related to everyday	/ situations, n	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. Cour	se content/stru	icture:							
(be, do, forms. I	have), modal	verbs. Con nd negative	struction and e forms. Voc	d use of tense abulary relate	es (Preser d to daily	es, comparison), pronouns at Simple, Present Contin topics: introductions, fan etc.	uous, Present Perfe	ct, Past Simp	le, future
4. Teac	hing methods:								
Commu	inicative metho					directed towards commun and on equal developme			phasis is
				Knowledge e	evaluation	(maximum 100 points)			
	Pre-examina	tion obligation	tions	Mandatory	Points	Final ex	am	Mandatory	Points
Test				Yes	10.00	Written part of the exam ·	- tasks and theory	Yes	70.00
Test				Yes	10.00				
Test				Yes	10.00				
					Liter	ature			
Ord.	A	uthor			Title	9	Publishe	r	Year
1,	John and Liz		New	Headway Eler	nentary		Oxford University P	ress	2002
2,	N. Coe, M. H Peterson	arrison, K.	Oxfor	d Practice Gra	ammar - B	asic	OUP		2006
3,	grupa autora			d Serbian - Ei			Oxford University P		



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



Study Programme Accreditation

UNDERGRADUATE ACADEMIC STUDIES

Mechanization and Construction Engineering

Course:	:								
Course	id:	EJM			Englis	h Language – E	SP Course		
Number	r of ECTS:	3							
Teache	rs:		Bogdanov F. Jelisave		k M. Drag	ana, Katić M. Marina, Liče	en S. Branislava, Miro	ović Đ. Ivana,	Šafranj
Course	status:		Elective						
Number	r of active teac	hing classe	s (weekly)	l.					
L	ectures:	Practical	classes:	Other teachi	ng types:	Study resea	arch work:	Other cla	sses:
	2	0)	0		0		0	
Precond	dition courses			None					
1. Educ	ational goal:								
Enabling enginee	g students for	reading an ign. Develo	d understa	inding the origin	al English	eveloping strategies for u texts from various source ion related to these topi	es related to the spec	cific aspects o	f graphic
2. Educ	ational outcom	nes (acquire	ed knowled	lge):					
text. En technolo diverse	nabling studer ogy. Developir	its to read ng oral and is area and	and under written cor I they can o	stand original E mmunication usi	nglish tex ng adequ	eloping communication st kts from diverse sources ate vocabulary and comp s in and English language	related to certain as lex sentence structur	spects of scie	ence and can read
3. Cours	se content/stru	icture:							
strategie functior commo	es for underst	anding a properties on properties of the second sec	rofessional , classifica pounds and	I text. Mastering ation, expressin	fundame	ge related to diverse asp ntal and most used term e or function, describing participles. Reduced rela	s related to profession components, causa	on. Adopting I al relations, e	anguage etc. Most
4. Teac	hing methods:								
develop courses	os written and s. New vocabu panded. Stude	oral skills. S Ilary is ado	Students re pted and p	elate the informa practiced using of	tion from to ral and w	mmunication-related, wh the texts to their own expo rritten exercises. Knowled sh as much as possible o	erience and knowled	ge obtained fr mar topics is	om other repeated
				Knowledge e	evaluation	(maximum 100 points)			
	Pre-examina	ation obligat	tions	Mandatory	Points	Final ex	kam	Mandatory	Points
Test				Yes		Written part of the exam	- tasks and theory	Yes	40.00
Test				Yes		Oral part of the exam		Yes	30.00
Test				Yes	10.00				
						ature			
Ord.	A Eric H.Glend	uthor inning, Nor	man Ox	ford English for I	Title Electrical		Publishe		Year
1,	Glendinning Jeremy Com	-	Eng	gineering			Oxford University P		1996
2,	Allan Savage		i i Bas	sic Technical En	glish		Oxford University P		4000
3,	R. Popić	9		učno tehnički re	•		Privredni pregled	ress	1996 1989



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UNIVERSITY OF NOVI SAD

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



Study Programme Accreditation

UNDERGRADUATE ACADEMIC STUDIES

Mechanization and Construction Engineering

Course									
Course	id:	M109		Elec	tric Ma	achines and Pov	wer Electroni	ics	
Numbe	r of ECTS:	7							
Teache	er:		Oros V. Đur	а					
Course	status:		Elective						
Numbe	r of active teac	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	-		None		-			
1. Educ	ational goal:								
To prov	vide the future	engineers v	with the nece	ssary level of l	knowledge	in the area of electric ma	achines and power e	lectronics.	
2. Educ	cational outcom	nes (acquire	ed knowledge	e):					
Readine	ess for indepe	ndent scien	tific and rese	arch work in th	ne area of s	synthesis of drive mecha	nism of power mach	ines.	
3. Cour	se content/stru	ucture:							
	on. Stationary	and trans	itional work	mada Salving					
separat mechar operatio	te and combin nical, hydro-dy on. Commercia	 Modelling ned excitation namic, hyd al software. 	the electric on. Modelling ro-static and	motor: asynch g the systems	hronous ca	ition of motion and dete age and slip ring motor, cal motor feeding. Mode e control and regulation	synchronous motor, Iling the power tran	, DC motor wil Isfer in a drive	th series, e system:
separat mechar operatio 4. Teac Lecture	te and combin nical, hydro-dy on. Commercia ching methods: es. Practice cl	. Modelling ned excitati namic, hyd al software.	the electric on. Modellin ro-static and merical (N),	motor: asynch g the systems pneumatic. M laboratory (L)	of electric odelling the), compute	age and slip ring motor, cal motor feeding. Mode e control and regulation er (C). Individual consu	synchronous motor, Iling the power tran sub-systems. Comp	, DC motor wit sfer in a drive uter simulatior	th series, e system: n of drive
separat mechar operatio 4. Teac Lecture	te and combin nical, hydro-dy on. Commercia ching methods:	. Modelling ned excitati namic, hyd al software.	the electric on. Modellin ro-static and merical (N),	motor: asynch g the systems pneumatic. M laboratory (L) paper and an), compute oral part.	age and slip ring motor, cal motor feeding. Mode e control and regulation er (C). Individual consu	synchronous motor, Iling the power tran sub-systems. Comp	, DC motor wit sfer in a drive uter simulatior	th series, e system: n of drive
separat mechar operatio 4. Teac Lecture	te and combin nical, hydro-dy on. Commercia ching methods: es. Practice cl pment and de	 Modelling ned excitati namic, hyd al software. Iasses: nun fence of a 	the electric on. Modellin ro-static and merical (N), n individual	motor: asynch g the systems pneumatic. M laboratory (L) paper and an Knowledge e), compute oral part.	age and slip ring motor, cal motor feeding. Mode e control and regulation er (C). Individual consu	synchronous motor, Iling the power tran sub-systems. Comp Itations. The exami	, DC motor wit sfer in a drive uter simulatior ination consis	th series, e system: n of drive
separat mechar operatio 4. Teac Lecture develop	te and combin nical, hydro-dy on. Commercia ching methods: es. Practice cl	 Modelling ned excitati namic, hyd al software. Iasses: nun fence of a 	the electric on. Modellin ro-static and merical (N), n individual	motor: asynch g the systems pneumatic. M laboratory (L) paper and an), compute oral part. evaluation (Points	age and slip ring motor, cal motor feeding. Mode e control and regulation er (C). Individual consu (maximum 100 points) Final ex	synchronous motor, Iling the power tran sub-systems. Comp Itations. The exami	, DC motor wit sfer in a drive uter simulatior	th series, e system: n of drive
separat mechar operatio 4. Teac Lecture develop Exercis	te and combin nical, hydro-dy on. Commercia shing methods: es. Practice cl pment and de Pre-examina	 Modelling ned excitati namic, hyd al software. Iasses: nun fence of a 	the electric on. Modellin ro-static and merical (N), n individual	motor: asynch g the systems pneumatic. M laboratory (L) paper and an Knowledge e Mandatory), compute oral part. evaluation (5.00)	age and slip ring motor, cal motor feeding. Mode e control and regulation er (C). Individual consu (maximum 100 points)	synchronous motor, Iling the power tran sub-systems. Comp Itations. The exami	, DC motor with sfer in a drive uter simulation ination consis Mandatory	th series, e system: n of drive ts of the Points
separat mechar operatio 4. Teac Lecture develop Exercis	te and combin nical, hydro-dy on. Commercia shing methods: es. Practice cl pment and de Pre-examina e attendance	 Modelling ned excitati namic, hyd al software. Iasses: nun fence of a 	the electric on. Modellin ro-static and merical (N), n individual	motor: asynch g the systems pneumatic. M laboratory (L) paper and an Knowledge e Mandatory Yes), compute oral part. evaluation (5.00)	age and slip ring motor, cal motor feeding. Mode e control and regulation er (C). Individual consu (maximum 100 points) Final ex Written part of the exam	synchronous motor, Iling the power tran sub-systems. Comp Itations. The exami	, DC motor with sfer in a drive uter simulation ination consis Mandatory Yes	th series, e system: n of drive tts of the Points 25.00
separat mechar operatio 4. Teac Lecture develop Exercis Lecture Test Test	te and combin nical, hydro-dy on. Commercia shing methods: es. Practice cl pment and de Pre-examina e attendance	 Modelling ned excitati namic, hyd al software. Iasses: nun fence of a 	the electric on. Modellin ro-static and merical (N), n individual	motor: asynch g the systems pneumatic. M laboratory (L) paper and an Knowledge e Mandatory Yes Yes), compute oral part. evaluation (5.00 t 5.00 t 10.00 10.00	age and slip ring motor, cal motor feeding. Mode e control and regulation er (C). Individual consu (maximum 100 points) Final ex Written part of the exam	synchronous motor, Iling the power tran sub-systems. Comp Itations. The exami	, DC motor with sfer in a drive uter simulation ination consis Mandatory Yes	th series, e system: n of drive tts of the Points 25.00
separat mechar operation 4. Teac Lecture develop Exercis Lecture Test Test Test	te and combin nical, hydro-dy on. Commercia shing methods: es. Practice cl pment and de Pre-examina e attendance	 Modelling ned excitati namic, hyd al software. Iasses: nun fence of a 	the electric on. Modellin ro-static and merical (N), n individual	motor: asynch g the systems pneumatic. M laboratory (L) paper and an Knowledge e Mandatory Yes Yes Yes Yes Yes Yes), compute oral part. evaluation (Points 5.00 (10.00 10.00 10.00	age and slip ring motor, cal motor feeding. Mode e control and regulation er (C). Individual consu (maximum 100 points) Final ex Written part of the exam	synchronous motor, Iling the power tran sub-systems. Comp Itations. The exami	, DC motor with sfer in a drive uter simulation ination consis Mandatory Yes	th series, e system: n of drive tts of the Points 25.00
separat mechar operatio 4. Teac Lecture develop Exercis Lecture Test Test	te and combin nical, hydro-dy on. Commercia shing methods: es. Practice cl pment and de Pre-examina e attendance	 Modelling ned excitati namic, hyd al software. Iasses: nun fence of a 	the electric on. Modellin ro-static and merical (N), n individual	motor: asynch g the systems pneumatic. M laboratory (L) paper and an Knowledge e Mandatory Yes Yes Yes Yes Yes), compute oral part. evaluation (5.00 t 5.00 t 10.00 10.00	age and slip ring motor, cal motor feeding. Mode e control and regulation er (C). Individual consu (maximum 100 points) Final ex Written part of the exam	synchronous motor, Iling the power tran sub-systems. Comp Itations. The exami	, DC motor with sfer in a drive uter simulation ination consis Mandatory Yes	th series, e system: n of drive tts of the Points 25.00
separat mechar operatio 4. Teac Lecture develop Exercis Lecture Test Test Test Test	te and combin nical, hydro-dy on. Commercia shing methods: es. Practice cl pment and de Pre-examina e attendance e attendance	Modelling ned excitati namic, hyd al software.	the electric on. Modellin ro-static and merical (N), n individual	motor: asynch g the systems pneumatic. M laboratory (L) paper and an Knowledge e Mandatory Yes Yes Yes Yes Yes Yes), compute oral part. evaluation (Points 5.00 (10.00 10.00 10.00 10.00 Litera	age and slip ring motor, cal motor feeding. Mode e control and regulation er (C). Individual consu (maximum 100 points) Final ex Written part of the exam Oral part of the exam	synchronous motor, Iling the power tran sub-systems. Comp Itations. The exami cam - tasks and theory	, DC motor with sefer in a drive uter simulation ination consis Mandatory Yes Yes	th series, e system: n of drive tts of the Points 25.00 25.00
separat mechar operation 4. Teac Lecture develop Exercis Lecture Test Test Test	te and combin nical, hydro-dy on. Commercia shing methods: es. Practice cl pment and de Pre-examina e attendance e attendance	Modelling ned excitati namic, hyd al software. lasses: nur fence of a ation obliga	the electric on. Modellin ro-static and merical (N), n individual	motor: asynch g the systems pneumatic. M laboratory (L) paper and an Knowledge e Mandatory Yes Yes Yes Yes Yes Yes), compute oral part. evaluation (70,00 10,00 10,00 10,00 10,00	age and slip ring motor, cal motor feeding. Mode e control and regulation er (C). Individual consu (maximum 100 points) Final ex Written part of the exam Oral part of the exam	synchronous motor, Iling the power tran sub-systems. Comp Itations. The exami	, DC motor with sefer in a drive uter simulation ination consis Mandatory Yes Yes	th series, e system: n of drive tts of the Points 25.00
separati mechar operatio 4. Teac Lecture develop Exercis Lecture Test Test Test Test Ord. 1,	te and combin nical, hydro-dy on. Commercia shing methods: es. Practice cl pment and de Pre-examina e attendance attendance attendance	Modelling ned excitati namic, hyd al software. lasses: nur fence of a ation obliga ation obliga Author ković, V.,	g the electric on. Modellin ro-static and merical (N), n individual tions	motor: asynch g the systems pneumatic. M laboratory (L) paper and an Knowledge e Mandatory Yes Yes Yes Yes Yes Yes Yes), compute oral part. evaluation (Points 5.00 10.00 10.00 10.00 Litera Title	age and slip ring motor, cal motor feeding. Mode e control and regulation er (C). Individual consu (maximum 100 points) Final ex Written part of the exam Oral part of the exam	synchronous motor, Iling the power tran sub-systems. Comp Itations. The exami cam - tasks and theory Publish	, DC motor with sefer in a drive uter simulation ination consis Mandatory Yes Yes	th series, e system: n of drive tts of the Points 25.00 25.00
separation mechar operation 4. Teac Lecture develop Exercis Lecture Test Test Test Test Test Ord.	te and combin nical, hydro-dy on. Commercia shing methods: es. Practice cl pment and de Pre-examina e attendance e attendance e attendance	Modelling ned excitati namic, hyd al software. lasses: nur fence of a ation obliga ation obliga	g the electric on. Modelling ro-static and merical (N), n individual tions	motor: asynch g the systems pneumatic. M laboratory (L) paper and an Knowledge e Mandatory Yes Yes Yes Yes Yes Yes Yes), compute odelling the oral part. evaluation (Points 5.00 (10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00	age and slip ring motor, cal motor feeding. Mode e control and regulation er (C). Individual consu (maximum 100 points) (maximum 100 points) Final e) Written part of the exam Oral part of the exam	synchronous motor, Iling the power tran sub-systems. Comp Itations. The exami cam - tasks and theory Publish	, DC motor with sefer in a drive uter simulation ination consis Mandatory Yes Yes	th series, e system: n of drive tts of the Points 25.00 25.00 25.00



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



Study Programme Accreditation

UNDERGRADUATE ACADEMIC STUDIES

Mechanization and Construction Engineering

	:								
Course	id:	M112		Electri	cal En	gineering and E	Electric Mach	ines	
Numbe	r of ECTS:	7							
Teache	ers:		Đurić M. Nik	kola, Juhas T.	Anamarija,	Oros V. Đura, Prša A. M	1iroslav		
Course	status:		Elective						
Numbe	r of active tead	ching 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:			-					
	uire basic kno oplication in tra				al enginee	ring, electromechanical	energy conversion,	electric mach	ines and
2. Educ	cational outcon	nes (acquire	ed knowledge	e):					
in elect electric	tric machines.	They will kn ney will be	now the notionable to unde	ons on electric erstand the wo	ity and ele rking proc	ant and time varying electric properties of mater ess and calculations rel	rials used for manufa	acturing active	e parts in
				•					
Fundan		on electric			ernating c	urrents. Principles of solu			
Fundan a conte electric Transfo Direct o Exampl	nental notions emporary elect c machine. Pr ormators. Rota current machir les of electric	on electric rical and po inciples of ational elec nes. Synchr machine ap	ower system. electromech tric machine onous mach	. Production, to nanical energy es. Alternating ines. Basic no	ternating co ransmissio y conversi current m tions on e	n and consumption of e on. Types of electric m achines. Asynchronous lectrical motor powers a	lectrical power. Elect nachines, basic eler machines. Cage ar	tric surroundir ments and pr nd Sliding ring	ngs of an operties. g motors.
Fundan a conte electric Transfo Direct o Exampl	nental notions emporary elect c machine. Pr ormators. Rota current machir	on electric rical and po inciples of ational elec nes. Synchr machine ap	ower system. electromech tric machine onous mach	. Production, to nanical energy es. Alternating ines. Basic no	ternating co ransmissio y conversi current m tions on e	n and consumption of e on. Types of electric m achines. Asynchronous lectrical motor powers a	lectrical power. Elect nachines, basic eler machines. Cage ar	tric surroundir ments and pr nd Sliding ring	ngs of an operties. g motors.
Fundan a conte electric Transfo Direct o Exampl 4. Teac	nental notions emporary elect c machine. Pr ormators. Rota current machir les of electric ching methods:	on electric rical and po inciples of ational elec ies. Synchr machine ap	ower system. electromech tric machine onous mach oplication in t	Production, t nanical energ s. Alternating ines. Basic no traffic (alternat	ternating co ransmissio y conversi current m tions on e tor, starter	n and consumption of e on. Types of electric m achines. Asynchronous lectrical motor powers a	lectrical power. Elect nachines, basic eler machines. Cage ar nd application of pov	tric surroundir nents and pr nd Sliding ring wer electronic	ngs of an operties. g motors.
Fundan a conte electric Transfo Direct o Exampl 4. Teac	nental notions emporary elect c machine. Pr ormators. Rota current machir les of electric ching methods:	on electric rical and po inciples of ational elec ies. Synchr machine ap	ower system. electromech tric machine onous mach oplication in t	Production, t nanical energ s. Alternating ines. Basic no traffic (alternat work in the lab	ternating conversion y conversion current m tions on e tor, starter	n and consumption of e on. Types of electric m achines. Asynchronous lectrical motor powers a engine).	lectrical power. Elect nachines, basic eler machines. Cage ar nd application of pov	tric surroundir nents and pr nd Sliding ring wer electronic	ngs of an operties. g motors.
Fundan a conte electric Transfo Direct o Exampl 4. Teac	nental notions emporary elect c machine. Pr ormators. Rota current machir les of electric ching methods:	on electric rical and po inciples of ational elec nes. Synchr machine ap	ower system. electromech tric machine onous mach oplication in t practice and v	Production, t nanical energ s. Alternating ines. Basic no traffic (alternat work in the lab	ternating conversion y conversion current m tions on e tor, starter	n and consumption of e on. Types of electric m achines. Asynchronous lectrical motor powers a engine).	lectrical power. Elect nachines, basic eler machines. Cage ar nd application of pov nd individual laborate	tric surroundir nents and pr nd Sliding ring wer electronic	ngs of an operties. g motors.
Fundan a conte electric Transfc Direct c Exampl 4. Teac Lecture	mental notions emporary elect c machine. Pr formators. Rota current machin les of electric ching methods: es on the board	on electric rical and po inciples of ational elec hes. Synchr machine ap I, auditory p	ower system. electromech tric machine onous mach oplication in t practice and v	. Production, t hanical energ is. Alternating ines. Basic no traffic (alternat work in the lab	ernating co ransmissio y conversi current m tions on e tor, starter oratory thro evaluation Points 20.00	n and consumption of e on. Types of electric m achines. Asynchronous lectrical motor powers a engine). bugh the demonstrated a (maximum 100 points) Final ex Written part of the exam	lectrical power. Elect nachines, basic eler machines. Cage ar nd application of pow nd individual laborato	tric surroundir nents and pr nd Sliding ring wer electronic	ngs of an operties. g motors. devices.
Fundan a conte electric Transfc Direct c Exampl 4. Teac Lecture	nental notions mporary elect c machine. Pr formators. Rota current machin les of electric ching methods: es on the board Pre-examina	on electric rical and po inciples of ational elec hes. Synchr machine ap I, auditory p	ower system. electromech tric machine onous mach oplication in t practice and v	Production, t nanical energ s. Alternating ines. Basic no traffic (alternat work in the lab Knowledge e Mandatory	ernating co ransmissio y conversi current m tions on e tor, starter oratory thro evaluation Points 20.00	n and consumption of e on. Types of electric m achines. Asynchronous lectrical motor powers a engine). bugh the demonstrated a (maximum 100 points) Final ex	lectrical power. Elect nachines, basic eler machines. Cage ar nd application of pow nd individual laborato	tric surroundir nents and pr nd Sliding ring wer electronic ory practice.	ngs of an operties. g motors. devices.
Fundan a conte electric Transfc Direct c Exampl 4. Teac Lecture	nental notions mporary elect c machine. Pr formators. Rota current machin les of electric ching methods: es on the board Pre-examina	on electric rical and po inciples of ational elec hes. Synchr machine ap I, auditory p	ower system. electromech tric machine onous mach oplication in t practice and v	. Production, t nanical energ es. Alternating ines. Basic no traffic (alternat work in the lab Knowledge e Mandatory Yes	ernating cr ransmissio y conversi current m tions on e or, starter oratory thro evaluation (Points 20.00 10.00 (Litera	n and consumption of e on. Types of electric m achines. Asynchronous lectrical motor powers a engine). bugh the demonstrated a (maximum 100 points) Final ex Written part of the exam Coloquium exam	lectrical power. Elect nachines, basic eler machines. Cage ar nd application of power and individual laborate am - tasks and theory	tric surroundir ments and pr ad Sliding ring wer electronic bry practice.	ngs of an operties. g motors. devices. Points 70.00
Fundan a conte electric Transfc Direct c Exampl 4. Teac Lecture	nental notions mporary elect c machine. Pr formators. Rota current machin les of electric ching methods: es on the board Pre-examina tory exercise d	on electric rical and po inciples of ational elec hes. Synchr machine ap I, auditory p	ower system. electromech tric machine onous mach oplication in t practice and v	. Production, t hanical energy is. Alternating ines. Basic no traffic (alternat work in the labe Knowledge e Mandatory Yes Yes	ernating c ransmissio y conversi current m tions on e or, starter oratory thro evaluation (Points 20.00 10.00 Litera Title	n and consumption of e on. Types of electric m achines. Asynchronous lectrical motor powers a engine). bugh the demonstrated a (maximum 100 points) Final ex Written part of the exam Coloquium exam iture	lectrical power. Elect nachines, basic eler machines. Cage ar nd application of pow nd individual laborato	tric surroundir ments and pr ad Sliding ring wer electronic bry practice.	ngs of an operties. g motors. devices. Points 70.00
Fundan a conte electric Transfc Direct c Exampl 4. Teac Lecture Laborat Test	nental notions mporary elect c machine. Pr formators. Rota current machin les of electric ching methods: es on the board Pre-examina tory exercise d	on electric rical and po inciples of ational elec nees. Synchr machine ap I, auditory p ation obligat lefence	ower system. electromech tric machine onous mach oplication in t practice and v	Production, t hanical energy is. Alternating ines. Basic no traffic (alternat work in the labe Knowledge e Mandatory Yes Yes Yes ovi elektrotehni	ernating c ransmissio y conversi current m tions on e or, starter oratory thro evaluation (Points 20.00 10.00 Litera Title	n and consumption of e on. Types of electric m achines. Asynchronous lectrical motor powers a engine). bugh the demonstrated a (maximum 100 points) Final ex Written part of the exam Coloquium exam	lectrical power. Elect nachines, basic eler machines. Cage ar nd application of power and individual laborate am - tasks and theory	tric surroundir ments and pr ad Sliding ring wer electronic bry practice.	Points 70.00 50.00
Fundan a conte electric Transfc Direct o Exampl 4. Teac Lecture Laborat Test	mental notions rmporary elect c machine. Pr ormators. Rota current machin les of electric shing methods: as on the board Pre-examina tory exercise d Miroslav Prš Milanković M	on electric rical and po inciples of ational elec nees. Synchr machine ap ation obligat lefence Author a 1., Perić D.	ower system. electromech tric machine onous mach oplication in t ractice and v tions	Production, t hanical energy is. Alternating ines. Basic no traffic (alternat work in the labe Knowledge e Mandatory Yes Yes Yes ovi elektrotehni	ernating co ransmissio y conversi current m tions on e tor, starter oratory thro evaluation Points 20.00 10.00 Litera Title ke za stud	n and consumption of e on. Types of electric m achines. Asynchronous lectrical motor powers a engine). bugh the demonstrated a (maximum 100 points) Final ex Written part of the exam Coloquium exam iture	lectrical power. Elect nachines, basic eler machines. Cage ar nd application of pov nd individual laborate cam - tasks and theory Publishe	tric surroundir nents and pr nd Sliding ring wer electronic ory practice. Mandatory Yes No er	Points 70.00 50.00 Year
Fundan a conte electric Transfc Direct o Exampl 4. Teac Lecture Laboral Test Ord. 1,	nental notions mporary elect c machine. Prr formators. Rota current machin les of electric ching methods: es on the board Pre-examina tory exercise d Miroslav Prš	on electric rical and po inciples of ational elec nes. Synchr machine ap d, auditory p ation obligation elefence Author a 1., Perić D. ković, V.,	ower system. electromech tric machine onous mach oplication in t ractice and v tions Cosno fakult Osno Osno	Production, t hanical energy is. Alternating ines. Basic no traffic (alternat work in the laby Knowledge e Mandatory Yes Yes Vi elektrotehni teta ovi Elektroener ovi Elektroener	ernating co ransmissio y conversi current m tions on e tor, starter oratory thro evaluation (Points 20.00 i 10.00 o Litera Title ke za studo getike	n and consumption of e on. Types of electric m achines. Asynchronous lectrical motor powers a engine). bugh the demonstrated a (maximum 100 points) Final ex Written part of the exam Coloquium exam iture	lectrical power. Elect nachines, basic eler machines. Cage ar nd application of pov and individual laborate cam - tasks and theory Publishe Stylos Viša elektrotehnička	tric surroundir nents and pr nd Sliding ring wer electronic ory practice. Mandatory Yes No er	Points 70.00 50.00 Year 1995



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



Study Programme Accreditation

UNDERGRADUATE ACADEMIC STUDIES

Mechanization and Construction Engineering

Course:			_					
Course id:	NJ02L		Ge	rman	Language – Pre	-Intermediate	Э	
Number of ECTS	: 2							
Teachers:		Berić B. And	rijana, Jović E	D. Miomira	I			
Course status:		Elective						
Number of active	teaching classe	es (weekly)						
Lectures:	Practical	classes:	Other teachi	ng types:	Study resea	arch work:	Other cla	asses:
2	()	0		0		0	
Precondition cou	rses	-						
1. Educational go	oal:							
tenses, adoption	of more comp	lex sentence	structures, in	ntroductio	vocabulary related to va n to culture, customs and ation competence.			
2. Educational ou	itcomes (acquir	ed knowledge):					
Students are cap more complex gr			ritten langua	ge in a nu	mber of everyday situatio	ons by using the expa	anding vocab	ulary and
3. Course conter	t/structure:							
Theoretical part question pronou	of the course: in ns, relative pro	nperfect, part nouns with re	of passive str lative clause	uctures, c s, asking	ten situations, developing ertain infinitive structures questions in indirect spe in time sentences.	, subject and object	clauses, conj	unctive 2,
4. Teaching meth	iods:							
Emphasis is on c	ommunication,	implying stude	ents` activity o	luring the	classes. During the comn	nunication, mutual int	eraction is es	sential.
			Knowledge e	evaluation	(maximum 100 points)			
Pre-exa	mination obliga	tions	Mandatory	Points	Final ex		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				
	A 11				ature	D · · · · ·	î	
Ord.	Author erstraße, H. Boo	× 1		Title		Publishe	er	Year
	H. Müller	Them	en aktuell 2			Hueber Verlag		2004



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



Study Programme Accreditation

UNDERGRADUATE ACADEMIC STUDIES

Mechanization and Construction Engineering

Course:	:								
Course	id:	M201				Mechanics 3	3		
Number	r of ECTS:	7							
Teache	rs:		Cvetićanin .	J. Livija, Kovač	ćić N. Ivan	a, Zuković M. Miodrag			
Course	status:		Mandatory						
Number	r of active tead	hing classe	s (weekly)						
L	ectures:	Practical	classes:	Other teachi	ng types:	Study resea	arch work:	Other cla	sses:
	3	3	3	0		0		0	
Precond	dition courses	-		None		•			
1. Educ	ational goal:			-					
	oing abstract in idamental field					amical processes, as well e.	as acquiring basic k	knowledge in d	lynamics
2. Educ	ational outcom	nes (acquire	ed knowledge	e):					
Acquire	d knowledge i	s used by s	tudents in fu	rther education	n, as well	as in their own practice af	ter graduating.		
3. Cours	se content/stru	icture:							
central 1 the field Genera Dynami body mo inertia. system. D`Alam coordina	force. Point m d of Earth's gr l laws on the c system torsc otion. Moment Main and mai Body rotatior ber principle.	otion in the ravity. Poin material sy or. D`Alamb of inertia. \$ n central a around im Generated of the relativ	field of gravi t motion on stem dynam er's principle Steiner theor xis of inertia movable poi t coordinate ve system ba	ity force. Relat a line. Dynam ics. Dynamics work of inte em. Moment c . Body rotatio nt. Approxima s. Generated alance. Funda	tive point r nics of the s of the ch rnal forces of inertia ir n around the gyrosci forces. L mentals ir	f balanced point position notion. Point motion on su- material point systems. hangeable mass point. M s of a rigid body. Work of on relation to a random axis an immovable axis. Plair ope theorem. Real and vi agrange equations of the in the impact theory for a	mooth, rotational and Force classification. escherski equation. couplings and mome couplings and momer couplings and momer motion of a rigid bo rtual motion. Ideal co e second type. Lag	d immovable s Equations or Tsiolkovsky of nt of force. Tr to of inertia. El body and the ri onnections. La range functio	eurface in n motion. equation. anslatory lipsoid of gid body agrange- n. Cyclic
	hing methods: s are auditory		ents, practice	e are held in sr	naller grou	ups.			
				Knowledge e	evaluation	(maximum 100 points)			
	Pre-examina	ation obligat	tions	Mandatory	Points	Final ex	am	Mandatory	Points
	e attendance			Yes		Written part of the exam	- tasks and theory	Yes	15.00
Lecture	attendance			Yes	15.00	Coloquium exam		Yes	40.00
						Oral part of the exam		Yes	15.00
						ature	D · · · ·		
Ord.		uthor	Direct		Title)	Publishe	-	Year
1,	Božidar Vuja Đorđe Đukić		Dina				Naučna knjiga, Bec	Ŭ.	1976
2,	Atanacković,			anika			Univerzitet u Novor		2005



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UNIVERSITY OF NOVI SAD

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



Study Programme Accreditation

UNDERGRADUATE ACADEMIC STUDIES

Mechanization and Construction Engineering

Course:	:								
Course	id:	M202			ſ	Mechanical Eler	nents		
Number	r of ECTS:	9							
Teache	r:		Kuzmanovi	ć B. Siniša					
Course	status:		Mandatory						
Number	r of active teac	hing classe	s (weekly)						
L	ectures:	Practical	classes:	Other teachi	ng types:	Study resea	arch work:	Other cla	isses:
	4	4		0		0		0	
Precond	dition courses		-	None		·			
1. Educ	ational goal:								
To enat	ole students fo	r independe	ent designin	g of mechanica	al element	s and systems.			
2. Educ	ational outcom	nes (acquire	d knowledg	e):					
Acquire	d knowledge is	s used in fur	rther educa	tion related to p	profession	al courses.			
3. Cours	se content/stru	icture:							
and stra limitatio and cale transmi heads. 4. Teac	ain). Ideal and ns, in constan culated stresse tters. Friction Roller bearing hing methods:	real materia t and alterna es. Safety o pairs. Gear is. Sliding b	als. Stress ating load ru f mechanic pairs. Wor pearings. C	concentration. egimes. Influer al elements. So m pairs. Chair ouplings. Sprir	Static stre aces on dy crew relati a pairs. Sh ags.	time). Behaviour of mech ength. Material wear. Dyn namic persistence of mec ons. Group screw relation hafts, spindles and pins.	amic persistence, pe chanical elements. W ns. Thread transmitte	rmanent or te orking, critica rs. Rivets. Me	emporary Il allowed echanical
				Knowledge	evaluation	(maximum 100 points)			
	Pre-examina	tion obligati	ions	Mandatory	Points	Final ex	am	Mandatory	Points
Exercise	e attendance			Yes	5.00	Theoretical part of the ex	am	Yes	30.00
Graphic				Yes	20.00				
	attendance			Yes	5.00	-			
Test Test				Yes	10.00				
Test				Yes Yes	10.00				
Test				Yes	10.00				
				1 103		ature			
Ord.	A	uthor			Title		Publishe	er	Year
1,	S. Kuzmanov	/ić			NTI-obliko	ovanje, proračun i	FTN Novi Sad		2012
2,	V. Miltenović		prim MAŠ	SINSKI ELEME	NTI		MF Niš		2009
3,	M. Ognjanov	ić	MAŠ	SINSKI ELEME			MF Beograd		2008
4,	S. Kuzmanov M. Rackov	/ić, R. Trboj	ević, ZBIF	RKA ZADATAK	A IZ MAŠ	INSKIH ELEMENATA	FTN Novi Sad		2006



UNIVERSITY OF NOVI SAD

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Study Programme Accreditation

UNDERGRADUATE ACADEMIC STUDIES

Mechanization and Construction Engineering

Course:									
Course i	d:	M204				Strength of Mate	erials		
Number	of ECTS:	9							
Teachers	s:		Glavardanc	ov B. Valentin,	Maretić B.	Ratko			
Course s	status:		Mandatory						
Number	of active teac	hing classe	es (weekly)						
Le	ctures:	Practical	classes:	Other teachi	ng types:	Study resea	arch work:	Other cla	sses:
	4	2	1	0		0		0	
Precond	ition courses		•	None					
1. Educa	itional goal:								
				deformations o ructural eleme		n structural elements, as	well as to solve stat	tically determi	nate and
2. Educa	tional outcom	es (acquir	ed knowledg	e):					
they can	perform the	dimension	ing of eleme	ents. Students a	are capab	stress conditions and defore to individually solve pre- pering practice.			
3. Cours	e content/stru	cture:							
pole: sta stresses	tically determ . Bending det	inate and formations	statically ind	leterminate. To e. Method of de	orsion of c eformation	iler hypothesis. Stress ma ircular cross-section pole n work. Pole stability, cri c and memory materials.	es: stress and strain. tical buckling force.	. Pole bending	: normal
4. Teach	ing methods:								
characte terms, co second r	ristic example onsultations a nodule (bendi	es. In prac are held ev ing) and th	tice, additior very week. C ird module (I	nal tasks are content	ompleted is divideo mation wo	cal part of the course co to broaden the lecture co l into three modules: firs rk) which are all passed	ontent. Regularly, in t module (axially loa	previously de ded pole, tors	termined sion) and
	,					(maximum 100 points)			
	Pre-examina	tion obliga	tions	Mandatory	Points	Final ex	kam	Mandatory	Points
Exercise	attendance			Yes	3.00	Oral part of the exam		Yes	50.00
Homewo	ork			Yes	5.00				
Homewo	ork			Yes	5.00				
Homewo	ork			Yes	5.00				
	attendance			Yes	2.00				
Test				Yes	10.00				
Test				Yes	10.00				
Test				Yes	10.00				
					Litera	ature			
Ord.	A	uthor			Title		Publish	er	Year
· ·	J. Mandić		Otpo	ornost materijal	а		Naučna knjiga, Beo	ograd	1992
2,	T. Atanackov	ić	Teor	rija elastičnosti			FTN, Novi Sad		1993



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Study Programme Accreditation

UNDERGRADUATE ACADEMIC STUDIES

Mechanization and Construction Engineering

Course									
Course	id:	M213				Machine Usa	ge		
Number	of ECTS:	5							
Teache	r:		Klinar J.	Ivan					
Course	status:		Mandato	ry					
Number	of active teac	hing classe	es (weekly)					
L	ectures:	Practical	classes:	Other teachi	ng types:	Study resea	arch work:	Other cla	asses:
	2	1	1	1		0		0	
Precon	dition courses		-	None					
1. Educ	ational goal:								
damage		es, anti frio	ction mate			d of tribology and tribologi s, and other fluids as we			
2. Educ	ational outcom	es (acquire	ed knowle	dge):					
				ne acquired know of machine usag		d skills working independ	dently or in teams, a	as well as the	e ability of
3. Cour	se content/stru	cture:							
geomet mixed la erosion metals a Lubrica specific lubricar	ry and shape of ubrication. We , fatigue wear, and anti friction tion oils and ations accordin	of tribologic ar and dan electrical e n alloys. grease: co ng to rheolo handling. \	al surface nage of th crosion. Of omposition ogy and of Waste lub	, relation of tribol e surfaces: defin ther forms of wea n, physical and o peration propertie ricants and their	ogical sur ition and o r and dam chemical es. Organi	ibological systems. Chara faces in contact. Friction. classification. Mechanica hage of material surface: of properties, diagnostics zation of lubrication servi it. Motor oils and other e	Theories of lubrication l wear: adhesive we chemical, thermal and and exchange crite ce and its tasks. Sto	on: boundary ar, abrasive v d biological w eria, classific rage and dist	, total and wear, flow vear. Light ation and ribution of
4. Teac	hing methods:								
	ions and exam					ble illustrations, schemes suitable laboratory equip			
				Knowledge e	evaluation	(maximum 100 points)			
	Pre-examina	tion obliga	tions	Mandatory	Points	Final ex	kam	Mandatory	Points
	attendance			Yes		Oral part of the exam		Yes	50.00
Project	task			Yes	15.00				
Test				Yes	10.00				
Test Test				Yes	10.00 10.00				
Test				Yes					
	-		1			ature			
Ord.		uthor			Title		Publish	er	Year
1,	Klinar Ivan		Γε	ehnička eksploata	icija mašir	าล	FTN, Novi Sad		2006



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



Study Programme Accreditation

UNDERGRADUATE ACADEMIC STUDIES

Mechanization and Construction Engineering

	:								
Course	id:	M203L		F	undam	nentals in Therr	nodynamics		
Numbe	r of ECTS:	5							
Teache	r:		Dragutinov	ić D. Gordan					
Course	status:		Mandatory						
Numbe	r of active teac	hing classe	es (weekly)						
L	ectures:	Practical	classes:	Other teachi	ng types:	Study rese	arch work:	Other cla	asses:
	2	2	2	0		0		0	
Precon	dition courses	-		None		•			
1. Educ	ational goal:								
Introduo	cing thermodyr	namic struc	ture, thermo	dynamic conce	epts and me	ethods for solving proble	ms of energy conver	sion.	
2. Educ	ational outcom	nes (acquire	ed knowledg	e):					
	ng basic knowl es and plants.	ledge in so	lving techni	cal tasks of the	ermal powe	er engineering, thermal p	process engineering	and designing	g thermal
3. Cour	se content/stru	icture:							
thermoo vapour) counter	dynamics. (2) E	Equations on a second s	of state: The	rmal and calori	c equations	oms: conversion of mass of state for substances	(ideal gases, real ga		
	hing methods:			s).	•	es and thermodynamic e			wise and
	s and auditory			s).	•	es and thermodynamic e			wise and
Lecture	s and auditory			s). sses follow the	lectures ar				wise and
Lecture	s and auditory	practice. F	Practice clas	s). sses follow the	lectures ar	nd include the advanced	level of students` in		wise and
Lecture assignn Exercis	e attendance	practice. F	Practice clas	s). sses follow the Knowledge e	lectures ar evaluation (Points 5.00 (nd include the advanced (maximum 100 points)	level of students` in	dependence i	wise and
Lecture assignm Exercis Lecture	es and auditory nents. Pre-examina	practice. F	Practice clas	s). sees follow the Knowledge e Mandatory Yes Yes	lectures an evaluation (Points 5.00 \ 5.00	nd include the advanced (maximum 100 points) Final e:	level of students` in	dependence i Mandatory	in solving Points
Lecture assignn Exercis	e attendance	practice. F	Practice clas	s). sees follow the Knowledge e Mandatory Yes	lectures an evaluation (Points 5.00 v 5.00 20.00	nd include the advanced (maximum 100 points) Final e: Written part of the exam	level of students` in	dependence i Mandatory	in solving Points
Lecture assignm Exercis Lecture Test	Pre-examina e attendance attendance	tion obliga	Practice clas	s). sees follow the Knowledge e Mandatory Yes Yes	lectures ar evaluation (Points 5.00 v 5.00 20.00 Litera	nd include the advanced (maximum 100 points) Final e: Written part of the exam	level of students` in xam - tasks and theory	dependence i Mandatory Yes	in solving Points 70.00
Lecture assignm Exercis Lecture	Pre-examina e attendance attendance	practice. F	Practice clas	s). sees follow the Knowledge e Mandatory Yes Yes Yes	lectures ar evaluation (Points 5.00 v 5.00 20.00 Litera Title	nd include the advanced (maximum 100 points) Final e: Written part of the exam	level of students` in xam - tasks and theory Publishe	dependence i Mandatory Yes	in solving Points
Lecture assignm Exercis Lecture Test	Pre-examina e attendance attendance M. Marić	tion obliga	Practice clas	s). sees follow the Knowledge e Mandatory Yes Yes Yes	lectures ar evaluation (Points 5.00 v 5.00 20.00 Litera Title	nd include the advanced (maximum 100 points) Final e: Written part of the exam	level of students` in xam - tasks and theory	dependence i Mandatory Yes er n Sadu,	in solving Points 70.00
Lecture assignn Exercis Lecture Test Ord.	Pre-examina e attendance attendance	tion obliga	Practice clas	s). sees follow the Knowledge e Mandatory Yes Yes Yes Yes ka o toploti - teo prevanje	lectures an evaluation (Points 5.00 v 5.00 20.00 Litera Title	nd include the advanced (maximum 100 points) Final e: Written part of the exam	level of students` in xam - tasks and theory Publishe Univerzitet u Novor	dependence i Mandatory Yes er n Sadu, nauka	in solving Points 70.00 Year
Lecture assignn Exercis Lecture Test Ord. 1,	Pre-examina e attendance attendance Attendance A. M. Marić Đ. Kozić, B. V Bekavac M. J. Moran,	tion obliga uthor vasiljević, V	Practice clas	s). sees follow the Knowledge e Mandatory Yes Yes Yes ka o toploti - teo prevanje učnik za termod	lectures an evaluation (Points 5.00 v 5.00 20.00 Litera Title rmodinamiku i p	nd include the advanced (maximum 100 points) Final e: Written part of the exam ature ka, prenos toplote,	level of students` in xam - tasks and theory Publishe Univerzitet u Novor Fakultet tehničkih n	dependence i Mandatory Yes er n Sadu, auka , Beograd	in solving Points 70.00 Year 2006
Lecture assignn Exercis Lecture Test Ord. 1, 2,	Pre-examina e attendance attendance M. Marić Đ. Kozić, B. V Bekavac	tion obliga uthor vasiljević, N H.N. Shap , M.A. Bole	Practice clas	s). sees follow the Knowledge e Mandatory Yes Yes Yes ka o toploti - teo prevanje učnik za termod	lectures an evaluation (Points 5.00 v 5.00 20.00 Litera Title rmodinamiku inamiku i p	nd include the advanced (maximum 100 points) Final e: Written part of the exam ature ka, prenos toplote, prostiranje toplote Thermodynamics	level of students` in xam - tasks and theory Publishe Univerzitet u Novor Fakultet tehničkih n Građevinska knjiga	dependence i Mandatory Yes er n Sadu, auka , Beograd	in solving Points 70.00 Year 2006 1983



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



Study Programme Accreditation

UNDERGRADUATE ACADEMIC STUDIES

Mechanization and Construction Engineering

Course:	:								
Course	id:	M205L		F	Fundar	mentals in Fluid	Mechanics		
Number	r of ECTS:	5							
Teache	er:		Bukurov Ž.	Maša					
Course	status:	Ī	Mandatory						
Number	r of active tead	hing classe	s (weekly)						
L	ectures:	Practical	classes:	Other teachi	ng types:	Study resea	arch work:	Other cla	sses:
	2	1		1		0		0	
Precond	dition courses			None					
1. Educ	ational goal:								
Introduc	ction to the phy	vsical prope	rties of fluids	and behaviou	ur of fluids	at rest and in motion.			
2. Educ	ational outcom	nes (acquire	ed knowledge	e):					
	tion of knowled ioning of pipel					as at rest and in motion	dimensioning of con	tainers and re	eservoirs,
3. Cours	se content/stru	icture:							
microst capillari liquids a surface: of ideal - a form pipeline measur 4. Teac The cou blackbo related computi on boar obtaine	ructure. The of ity and critical and gases in ti s. Buoyancy. I fluid. Euler eq n with losses. The rement. thing methods: urse is held by bard. There are to the lecture ing practice (1 rd by gradual d results to ge	division of p pressure. C he field of g "luid as rigi- uations.Ber The coeffici energy dia y using mod a number d units are 0 weeks) ar display of m t end result	physical pro avitation. Flu ravity. Fluid d body unde noulli integra ent of friction gram. Comp dern equipm of movies in brought to nd laboratory esults. Labo ts and to dra	perties. Press id statics. The pressure on a r uniform linea al of Euler equ n. The methoc olex pipelines. ent (all lecture fluid mechan class when p (5 weeks). Cu ratory practicu w graphs. Stu	sure. Dens hydrostat flat surfar ar accelera ations. Be d of approx Flow thrc es are don ics being p ossible (p pomputing p e is held a dents hav	Seneral concepts. Physica sity. Compressibility. Sp tic pressure. Euler equation ce. Hydrostatic forces on ation. Fluid as rigid body of rmoulli equations. Correct ximation. Pipeline with tu bugh the holes and socked e in Power Point), but all presented to the students ipe elements, measuren practice accompanies lec at once for 6 hours, wher e to complete practice for	eed of sound. Visco ons for a static fluid. I flat surfaces. Hydros under rotation. Fluid tion factor of kinetic rbomachinery, the ci ets. Flow with the va so by using classica b, but also assigned f ent instruments). P tures and examinatic e students carry out	bity. Surface Pressure distristatic forces of Kinematics. E energy. Pipe p ritical pressure riable level. F I methods – c for homework ractice is div in problems a experiments	tension, ibution in on curved Dynamics problems e, closed Flow rate chalk and . Objects ided into re solved and use
and get	t approval for t	nem at the	next laborat			(maximum 100 points)			
	Pre-examina	tion obligat	ions	Mandatory	Points	(maximum roo points) Final ex	am	Mandatory	Points
Exercise	e attendance			Yes		Oral part of the exam	Yes		50.00
Laborat	tory exercise a	ttendance		Yes	3.00				
	attendance			Yes	5.00				
Test				Yes	10.00				
Test				Yes	10.00				
Test				Yes	10.00				
Test				Yes	10.00	- 4			
						ature			
Ord.	A	uthor	1		Title		Publishe		
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UNIVERSITY OF NOVI SAD

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



Study Programme Accreditation

UNDERGRADUATE ACADEMIC STUDIES

Mechanization and Construction Engineering

Course	:			_					
Course	id:	M2061		Bas	ics of N	/lanufacturing 7	Technologies	5 1	
Numbe	er of ECTS:	4							
Teache	ers:		Gostimirov	rić P. Marin, Kał	aš I. Damir	ſ			
Course	status:		Mandatory	,					
Numbe	er of active tead	ching classes	s (weekly)						
L	_ectures:	Practical	classes:	Other teachi	ng types:	Study resea	arch work:	Other cla	sses:
	2	0		2		0		0	
Precon	dition courses	-		None					
1. Educ	cational goal:								
in engi		ng basic kno				t and tools essential in c which are used in produ			
2. Educ	cational outcon	nes (acquire	d knowledg	ge):					
applica	tion, mechanic	al propertie	s and toler	ances. Gained	knowledge	elect adequate casting in cutting technologies ly design phases and se	should enable desig	ners of equipr	ment and
The im		ications and				e and abroad. Technolog jies. Influence of part de			
The impon cash on cash system precision machin 4. Teac Interact	portance, appli permanent mol t part quality. S is. Basics of c on). Turning n ning processes ching methods: tively in form	ications and d, die, lost v Specifics of cutting proc nachining. E s and assen	wax and ce quality cor esses (chi Drilling mac nbly. Fixtur and labor	entrifugal casting introl of cast particip forming proc chining. Milling res for machini ratory practical	g technolog ts. Importancess, cuttin machining ng and ass exercises.	jies. Influence of part de nce and application of d g forces and temperat . Grinding machining. I sembly. Measurement a . Theoretical part is pr	sign, material selec cutting technologies ures, tool wear, pr Non-convention ma and control.	tion and wall t . Description o oductivity, qu chining. Techi s and it is foll	hickness of cutting ality and nological
The important sand, pon cast system precision machine 4. Teac Interact approp	portance, appl bermanent mol t part quality. S us. Basics of (on). Turning n ing processes ching methods: tively in form riate example	ications and d, die, lost v Specifics of cutting proc nachining. E s and assen of lectures d contributin	wax and ce quality cor esses (chi Drilling mad nbly. Fixtur and labor ng easier u	entrifugal casting htrol of cast part p forming proc chining. Milling res for machini ratory practical nderstanding o	g technolog ts. Importan ess, cuttin machining ng and ass exercises. f the subject	jies. Influence of part de nce and application of d g forces and temperat . Grinding machining. I sembly. Measurement a	sign, material selec cutting technologies cures, tool wear, pr Non-convention ma- and control. resented in lectures owledge is practical	tion and wall t . Description of oductivity, qu chining. Techi s and it is foll ly applied in la	hickness of cutting ality and nological owed by aboratory
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FACULTY OF TECHNICAL SCIENCES 21000 NOVI SAD, TRG DOSITEJA OBRADOVIĆA 6



Study Programme Accreditation

UNDERGRADUATE ACADEMIC STUDIES

Mechanization and Construction Engineering

Course: Course id: M207A		Computer-Aided Design									
											Number of ECTS: 6
Teacher: Vladić			Vladić M. J	lovan							
Course status: Mandato			Mandatory								
Numbe	r of active teac	hing classe	es (weekly)								
L	_ectures:	Practical	classes:	Other teachi	ng types:	Study rese	arch work:	Other cla	sses:		
	2	(C	2		(2			
Precon	dition courses	•		None			•				
1. Educ	cational goal:										
Enablin	ng students for	acquiring b	asic knowle	dge on the des	ign proces	ss and its automation by	applying contempora	ry software too	ols.		
2. Educ	cational outcom	nes (acquir	ed knowledg	je):							
Acquire and dev		s used as	a base for t	he application i	in professi	ional courses oriented to	wards developing a	nd designing r	machines		
3. Cour	rse content/stru	icture:									
						. Fundamentals in theory					
and cor and equ modelli MATLA elabora	nstruction elab uipment in a d ing. Introduction AB and MATCA ation of technico ation of the des	oration). C esigner`s v on to engir AD. Fundar cal docume	ontemporar working plac neering ana mental princ entation. Sys	y software syst ce. Automation lysis. Automat iples in forming stematization of	ems. Syste of the des ion of calo g a virtual of software	S. Fundamentals in theorematization of technical sign procedure. Fundam culations in mechanical machine prototype on a support. Survey and be Examples of designing	components (CAD h entals in computer g engineering by app computer (Virtual p asic properties of lic	ardware). Org- raphics and g lying the prog- rototyping). Au ensed softwar	anization ecometric grammes utomated re for the		
and cor and equ modelli MATLA elabora automa system 4. Teac Lecture	nstruction elab uipment in a d ing. Introduction AB and MATCA ation of technic ation of the des is.	oration). C esigner's v on to engir AD. Fundar cal docume ign proced	ontemporar working place neering ana mental prince entation. System lure (Autod	y software syst ce. Automation lysis. Automat iples in forming stematization c esk Inventor, C	ems. Syste of the des ion of calo g a virtual of software ATIA V5).	ematization of technical sign procedure. Fundam culations in mechanical machine prototype on a support. Survey and b Examples of designing ents have a possibility,	components (CAD h entals in computer g engineering by app computer (Virtual p asic properties of lic elements, joints, ma	ardware). Org raphics and g lying the prog rototyping). Au ensed softwar chines and me al examinatio	anizatior eometric grammes utomated re for the echanica		
and cor and equimodelli MATLA elabora automa system 4. Teac Lecture exclude	nstruction elab uipment in a d ing. Introductio AB and MATCA ation of technic ation of the des is. ching methods: es and comput ed from the wri	oration). C esigner's v on to engir AD. Fundar cal docume ign proced rer practice itten part o	ontemporar working place neering ana mental prince entation. System lure (Autod e. During the f the examine	y software syst ce. Automation lysis. Automat iples in forming stematization c esk Inventor, C e teaching proc nation. Prerequ	ems. Syste of the des ion of calo g a virtual of software ATIA V5). cess, studuisite for ta	ematization of technical sign procedure. Fundam culations in mechanical machine prototype on a support. Survey and ba Examples of designing	components (CAD h entals in computer g engineering by app computer (Virtual p asic properties of lic elements, joints, ma on passing two parti on is successfully co	ardware). Org raphics and g lying the prog rototyping). Au ensed softwar chines and me al examinatio	anizatior eometric grammes utomated re for the echanica		
and cor and equimodelli MATLA elabora automa system 4. Teac Lecture exclude	nstruction elab uipment in a d ing. Introductio AB and MATCA ation of technic ation of the des is. ching methods: es and comput ed from the wri	oration). C esigner's v on to engir AD. Fundar cal docume ign proced rer practice itten part o	ontemporar working place neering ana mental prince entation. System lure (Autod e. During the f the examine	y software syst ce. Automation lysis. Automat iples in forming stematization c esk Inventor, C e teaching proc nation. Prerequ inal examinatio	ems. Syste of the des ion of calo g a virtual of software ATIA V5). cess, stud- cess, stud- isite for ta on is relate	ematization of technical sign procedure. Fundam culations in mechanical machine prototype on a support. Survey and b Examples of designing ents have a possibility, aking the final examination	components (CAD h entals in computer g engineering by app computer (Virtual p asic properties of lic elements, joints, ma on passing two parti on is successfully co	ardware). Org raphics and g lying the prog rototyping). Au ensed softwar chines and me al examinatio	anizatior eometric grammes utomated re for the echanica		
and cor and equimodelli MATLA elabora automa system 4. Teac Lecture exclude	nstruction elab uipment in a d ing. Introductio AB and MATCA ation of technic ation of the des is. ching methods: es and comput ed from the wri	oration). C esigner's v on to engir AD. Fundar cal docume sign proced rer practice itten part o one subje	ontemporar working place neering ana mental prince entation. System lure (Autod e. During the f the examinent f the f the examinent f the f t	y software syst ce. Automation lysis. Automat iples in forming stematization c esk Inventor, C e teaching proc nation. Prerequ inal examinatio	ems. Syste of the des ion of calo g a virtual of software ATIA V5). cess, stud- cess, stud- isite for ta on is relate	ematization of technical sign procedure. Fundam culations in mechanical machine prototype on a support. Survey and b Examples of designing ents have a possibility, aking the final examination ed to the theoretical que	components (CAD h entals in computer g engineering by app computer (Virtual p asic properties of lic elements, joints, ma	ardware). Org raphics and g lying the prog rototyping). Au ensed softwar chines and me al examinatio	anizatior eometric grammes utomated re for the echanica ns, to be		
and cor and equ modelli MATLA elabora automa system 4. Teac Lecture exclude two pro	nstruction elab uipment in a d ing. Introduction AB and MATCA ation of technic ation of the des is. ching methods: es and compute ed from the write oject tasks and Pre-examina- ter exercise att	oration). C esigner's v on to engir AD. Fundar cal docume sign proced ter practice itten part o one subje	ontemporar working place neering ana mental prince entation. System lure (Autod e. During the f the examinent f the f the examinent f the f t	y software syst ce. Automation lysis. Automat iples in forming stematization c esk Inventor, C e teaching proc nation. Prerequ inal examination	ems. Syste of the des ion of cali g a virtual of software ATIA V5). cess, stud- nisite for ta on is relate evaluation Points 5.00	ematization of technical sign procedure. Fundam culations in mechanical machine prototype on a e support. Survey and b Examples of designing ents have a possibility, aking the final examination ed to the theoretical que (maximum 100 points)	components (CAD h entals in computer g engineering by app computer (Virtual p asic properties of lic elements, joints, ma on passing two parti on is successfully co stions.	ardware). Org iraphics and g lying the prog rototyping). Au ensed softwar chines and me al examinatio mpleted and c	anizatior eometric grammes utomatec re for the echanica ns, to be defended Points		
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and cor and equimodelli MATLA elabora automa system 4. Teac Lecture exclude two pro Compu Lecture Project	nstruction elab uipment in a d ing. Introduction AB and MATCA ation of technic ation of the desits. Thing methods: tes and compute ed from the write oject tasks and Pre-examinate ter exercise atter a attendance	oration). C esigner's v on to engir AD. Fundar cal docume sign proced ter practice itten part o one subje	ontemporar working place neering ana mental prince entation. System lure (Autod e. During the f the examinent f the f the examinent f the f t	y software syst ce. Automation lysis. Automati- iples in forming stematization c esk Inventor, C e teaching proc nation. Prerequ inal examination Knowledge e Mandatory Yes Yes Yes	ems. Syste of the desion of calo g a virtual of software ATIA V5). cess, stud- isite for ta on is relate evaluation 5.00 5.00 30.00	ematization of technical sign procedure. Fundam culations in mechanical machine prototype on a e support. Survey and b Examples of designing ents have a possibility, aking the final examination ed to the theoretical que (maximum 100 points) Final e	components (CAD h entals in computer g engineering by app computer (Virtual p asic properties of lic elements, joints, ma on passing two parti on is successfully co stions.	ardware). Org rraphics and g lying the prog rototyping). Au ensed softwar chines and me al examinatio mpleted and c	anizatior eometric grammes utomatec re for the echanica ns, to be defended Points		
and cor and equimodelli MATLA elabora automa system 4. Teac Lecture exclude two pro Compu Lecture Project Project	nstruction elab uipment in a d ing. Introduction AB and MATCA ation of technic ation of the des is. ching methods: es and comput ed from the writ oject tasks and Pre-examinative examinative exercise attendance task	oration). C esigner's v on to engir AD. Fundar cal docume sign proced ter practice itten part o one subje	ontemporar working place neering ana mental prince entation. System lure (Autod e. During the f the examinent f the f the examinent f the f t	y software syst ce. Automation lysis. Automation lysis. Automatic ples in forming stematization of esk Inventor, C e teaching production. Prerequi- inal examination Knowledge of Mandatory Yes Yes Yes Yes	ems. Syste of the desion of calo g a virtual of software ATIA V5). cess, studi isite for ta on is relate evaluation 5.00 5.00 30.00 15.00	ematization of technical sign procedure. Fundam culations in mechanical machine prototype on a support. Survey and b Examples of designing ents have a possibility, aking the final examination ed to the theoretical que (maximum 100 points) Final e Theoretical part of the examination Final e	components (CAD h entals in computer g engineering by app computer (Virtual p asic properties of lic elements, joints, ma on passing two parti on is successfully co stions.	ardware). Org rraphics and g lying the prog rototyping). Au ensed softwar chines and me al examinatio mpleted and c	anizatior eometric grammes utomatec re for the echanica ns, to be defended Points		
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and cor and equ modelli MATLA elabora automa system 4. Teac Lecture exclude two pro Compu Lecture Project Project	nstruction elab uipment in a d ing. Introduction AB and MATCA ation of technic ation of technic ation of the des is. ching methods: es and comput ed from the writ oject tasks and Pre-examina ter exercise att e attendance task task	oration). C esigner's v on to engir AD. Fundar cal docume sign proced rer practice itten part o one subje ation obliga tendance	ontemporar working place neering ana mental prince entation. System lure (Autod e. During the f the examinent f the f the examinent f the f t	y software syst ce. Automation lysis. Automation lysis. Automatic ples in forming stematization of esk Inventor, C e teaching production. Prerequi- inal examination Knowledge of Mandatory Yes Yes Yes Yes	ems. Syste of the desion of calo g a virtual of software ATIA V5). cess, studi isite for ta on is relate evaluation 5.00 5.00 30.00 15.00 15.00 Litera	ematization of technical sign procedure. Fundam culations in mechanical machine prototype on a support. Survey and b Examples of designing ents have a possibility, aking the final examination ed to the theoretical que (maximum 100 points) Final e Theoretical part of the examination ature	components (CAD h entals in computer g engineering by app computer (Virtual p asic properties of lic elements, joints, ma on passing two parti on is successfully co stions.	ardware). Org rraphics and g lying the proc rototyping). Au ensed softwar chines and me al examinatio mpleted and c Mandatory Yes	anizatior eometric grammes utomatecre for the echanica ns, to be defended Points 30.00		
and cor and equimodelli MATLA elabora automa system 4. Teac Lecture exclude two pro Compu Lecture Project Project Project Ord.	nstruction elab uipment in a d ing. Introduction AB and MATCA ation of technic ation of the desits. Thing methods: tes and compute ed from the writ oject tasks and Pre-examinative ter exercise atter attendance task task task	oration). C esigner's v on to engir AD. Fundar cal docume sign proced ter practice itten part o one subje	ontemporar working place neering ana mental prince entation. System lure (Autod e. During the f the examinent ct project. F	y software syst ce. Automation lysis. Automation lysis. Automatic iples in forming stematization cesk Inventor, Constitution et teaching proceed thation. Prerequ inal examination Knowledge of Mandatory Yes Yes Yes Yes Yes Yes	ems. Syste of the desion of calo g a virtual of software ATIA V5). cess, studi isite for tai on is relate evaluation Points 5.00 30.00 15.00 15.00 Litera Title	ematization of technical sign procedure. Fundam culations in mechanical machine prototype on a e support. Survey and b Examples of designing ents have a possibility, aking the final examination ed to the theoretical que (maximum 100 points) Final e Theoretical part of the est ature	components (CAD h entals in computer g engineering by app computer (Virtual p asic properties of lic elements, joints, ma on passing two parti on is successfully co stions.	ardware). Org iraphics and g lying the prog rototyping). Au ensed softwar chines and me al examinatio mpleted and o Mandatory Yes er	anizatior eometric grammes utomated echanica ns, to be defended Points 30.00		
and cor and equ modelli MATLA elabora automa system 4. Teac Lecture exclude two pro Compu Lecture Project Project	nstruction elab uipment in a d ing. Introduction AB and MATCA ation of technic ation of technic ation of the des is. ching methods: es and comput ed from the writ oject tasks and Pre-examina ter exercise att e attendance task task	oration). C esigner's v on to engir AD. Fundar cal docume sign proced iter practice itten part o one subje ation obliga tendance	ontemporar working place neering ana mental prince entation. System lure (Autod e. During the f the examined f the examined to project. F	y software syst ce. Automation lysis. Automation lysis. Automatic iples in forming stematization of esk Inventor, C e teaching production. Prerequination. Free equination. Prerequination Knowledge of Mandatory Yes Yes Yes Yes Yes Yes	ems. Syste of the des- ion of calo g a virtual of software ATIA V5). cess, stud- tisite for ta evaluation Points 5.00 5.00 15.00 15.00 15.00 Litera Title	ematization of technical sign procedure. Fundam culations in mechanical machine prototype on a e support. Survey and b Examples of designing ents have a possibility, aking the final examination ed to the theoretical que (maximum 100 points) Final e Theoretical part of the est ature	components (CAD h entals in computer g engineering by app computer (Virtual p asic properties of lic elements, joints, ma on passing two parti on is successfully co stions.	ardware). Org iraphics and g lying the prog rototyping). Au ensed softwar chines and me al examinatio mpleted and o Mandatory Yes er	anizatior eometric grammes utomatecre for the echanica ns, to be defended Points 30.00		



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UNIVERSITY OF NOVI SAD

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



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Study Programme Accreditation

UNDERGRADUATE ACADEMIC STUDIES

Mechanization and Construction Engineering

	:										
Course	id:	M208		Theory of Mechanisms and Machines							
Numbe	r of ECTS:	5									
Teache	er:		Čavić M. Ma	aja							
Course	status:		Mandatory								
Numbe	r of active teac	hing classe	s (weekly)								
L	ectures:	Practical	classes:	Other teachi	ng types:	Study resea	arch work:	Other cla	asses:		
	2	1		1		0		0			
Precon	dition courses	-				•	•				
1. Educ	ational goal:			-							
Introduc	ction with the b	asic concer	ots and issue	es of analysis a	and synthe	esis of mechanisms and r	nachines.				
2. Educ	ational outcom	ies (acquire	ed knowledge	e):							
	of using basic ic analysis of				al system	s and machines, ability t	to apply basic metho	ods for kinen	natic and		
3. Cour	se content/stru	icture:									
kinema method	tic analysis of I for kinematic	complex le				using kinematic groups –					
mechar of rotor	balancing. Ca	tic forces. J	oukowsky tł	er mechanism neorem, reduc	is. Kinema ed mecha	e method of instantaneou atic analysis of planetery nism. Fundamentals of le look joint. Fundamentals	 differential mechan ever mechanisms bala 	isms. Inertial ancing. Fund	forces in		
of rotor	balancing. Ca	tic forces. J	oukowsky tł	er mechanism neorem, reduc	is. Kinema ed mecha	atic analysis of planetery inism. Fundamentals of le	 differential mechan ever mechanisms bala 	isms. Inertial ancing. Fund	forces in		
of rotor 4. Teac	balancing. Ca	tic forces. J m mechani	oukowsky tł sm. Geneva	er mechanism neorem, reduc mechanism. (is. Kinema ed mecha Cardano-ł	atic analysis of planetery nism. Fundamentals of le Hook joint. Fundamentals	 differential mechan ever mechanisms bala 	isms. Inertial ancing. Fund	forces in		
of rotor 4. Teac	balancing. Ca	tic forces. J m mechani	oukowsky tł sm. Geneva	er mechanism heorem, reduc mechanism. (computer prac	ed mecha Cardano-F ctice, cons	atic analysis of planetery nism. Fundamentals of le Hook joint. Fundamentals	 differential mechan ever mechanisms bala 	isms. Inertial ancing. Fund	forces in		
of rotor 4. Teac	balancing. Ca	tic forces. J m mechani e: lectures, g	oukowsky tł sm. Geneva graphic and	er mechanism heorem, reduc mechanism. (computer prac	ed mecha Cardano-F ctice, cons	atic analysis of planetery nism. Fundamentals of le Hook joint. Fundamentals ultations.	 differential mechan ever mechanisms bala of lever mechanisms 	isms. Inertial ancing. Fund	forces ir		
of rotor 4. Teac	balancing. Ca ching methods: ng methods are Pre-examina	tic forces. J m mechani e: lectures, g	oukowsky tł sm. Geneva graphic and	er mechanism heorem, reduc mechanism. (computer prac	is. Kinema ed mecha Cardano-H ctice, cons evaluation Points	atic analysis of planetery nism. Fundamentals of le look joint. Fundamentals ultations. (maximum 100 points)	 differential mechan ever mechanisms bala of lever mechanisms 	isms. Inertial ancing. Fund s synthesis	forces ir amentals Points		
of rotor 4. Teac Teachir	balancing. Ca ching methods: ng methods are Pre-examina vork	tic forces. J m mechani e: lectures, g	oukowsky tł sm. Geneva graphic and	er mechanism heorem, reduc mechanism. (computer prac Knowledge e Mandatory	is. Kinema ed mecha Cardano-H ctice, cons evaluation Points 5.00	atic analysis of planetery nism. Fundamentals of le look joint. Fundamentals ultations. (maximum 100 points) Final ex	 differential mechan ever mechanisms bala of lever mechanisms 	isms. Inertial ancing. Fund s synthesis . Mandatory	Points		
of rotor 4. Teachir Teachir Homew Homew Test	balancing. Ca ching methods: ng methods are Pre-examina vork	tic forces. J m mechani e: lectures, g	oukowsky tł sm. Geneva graphic and	er mechanism heorem, reduc mechanism. (computer prace Knowledge e Mandatory Yes Yes Yes	s. Kinema ed mecha Cardano-H etice, cons evaluation Points 5.00 5.00 10.00	atic analysis of planetery nism. Fundamentals of le look joint. Fundamentals ultations. (maximum 100 points) Final exam - part one	 differential mechan ever mechanisms bala of lever mechanisms kam 	isms. Inertial ancing. Fund s synthesis . Mandatory Yes	Points 32.00		
of rotor 4. Teac Teachir Homew Homew	balancing. Ca ching methods: ng methods are Pre-examina vork	tic forces. J m mechani e: lectures, g	oukowsky tł sm. Geneva graphic and	er mechanism heorem, reduc mechanism. (computer prace Knowledge e Mandatory Yes Yes	s. Kinema ed mecha Cardano-H stice, cons evaluation Points 5.00 5.00 10.00 10.00	atic analysis of planetery nism. Fundamentals of le look joint. Fundamentals ultations. (maximum 100 points) Final exam - part one Final exam - part two Theoretical part of the ex	 differential mechan ever mechanisms bala of lever mechanisms kam 	isms. Inertial ancing. Fund s synthesis . Mandatory Yes Yes	Points 32.00		
of rotor 4. Teac Teachir Homew Homew Test Test	balancing. Ca shing methods: ng methods are Pre-examina rork rork	tic forces. J m mechani e: lectures, g ation obligat	oukowsky tł sm. Geneva graphic and	er mechanism heorem, reduc mechanism. (computer prace Knowledge e Mandatory Yes Yes Yes	IS. Kinema ed mecha Cardano-H etice, cons evaluation Points 5.00 5.00 10.00 10.00 Liter	atic analysis of planetery nism. Fundamentals of le look joint. Fundamentals ultations. (maximum 100 points) Final exam - part one Final exam - part two Theoretical part of the ex ature	- differential mechan ever mechanisms bala of lever mechanisms kam	Mandatory Yes Yes Yes	Points 32.00 18.00 20.00		
of rotor 4. Teachir Teachir Homew Homew Test	balancing. Ca ching methods: ng methods are Pre-examina vork vork	tic forces. J m mechani e: lectures, g ation obligat	oukowsky th sm. Geneva graphic and ions	er mechanism heorem, reduc mechanism. (computer prace Knowledge e Mandatory Yes Yes Yes	s. Kinema ed mecha Cardano-H stice, cons evaluation Points 5.00 5.00 10.00 10.00	atic analysis of planetery nism. Fundamentals of le look joint. Fundamentals ultations. (maximum 100 points) Final exam - part one Final exam - part two Theoretical part of the ex ature	- differential mechan ever mechanisms bala of lever mechanisms kam am Publishe	Mandatory Yes Yes Yes	Points 32.00		
of rotor 4. Teac Teachir Homew Homew Test Test	balancing. Ca shing methods: ng methods are Pre-examina rork rork	tic forces. J m mechani e: lectures, g ntion obligat uthor Čavić M., k	oukowsky th sm. Geneva graphic and ions	er mechanism heorem, reduc mechanism. (computer prace Knowledge e Mandatory Yes Yes Yes	IS. Kinema ed mecha Cardano-H etice, cons evaluation Points 5.00 5.00 10.00 10.00 Liter	atic analysis of planetery nism. Fundamentals of le look joint. Fundamentals ultations. (maximum 100 points) Final exam - part one Final exam - part two Theoretical part of the ex ature	- differential mechan ever mechanisms bala of lever mechanisms kam	isms. Inertial ancing. Fund s synthesis . Mandatory Yes Yes Yes Yes er auka, Novi	Points 32.00 18.00 20.00		



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



Study Programme Accreditation

UNDERGRADUATE ACADEMIC STUDIES

Mechanization and Construction Engineering

Course:										
Course i	d:	M301	Driving Systems							
Number	of ECTS:	5								
Teacher	:		Šostakov S	. Rastislav						
Course s	status:		Mandatory							
Number	of active tead	hing classe	es (weekly)							
Le	ectures:	Practical	classes:	Other teachi	ng types:	Study rese	arch work:	Other cla	sses:	
	2		1	1		C)	0		
Precond	ition courses			None		-				
1. Educa	ational goal:									
				about the characteristics of driving motors and power transfer, as well as their synthesis in driving accordance with the characteristics of work devices.						
2. Educa	ational outcom	nes (acquir	ed knowledg	(nowledge):						
Basic rea	adiness for in	dependent	design work	sign work in the area of synthesis of driving mechanisms of work machines.						
		· ·	0			Ū.				
3. Cours	e content/stru	icture:								
Integration power tr and trar	on of power g ansmitting de nsient operat nization of op	ear in a system vices (gea ing regime	stem: driving ir ratio, degr e. Change o) motor – work ee of utilization of drive speed	device: cla n) – electr I, efficien	ctions. Characteristics of assification, parameters, ical, mechanical, hydrod cy, breaking, reversible Synchronization and con	demands and restrict ynamic, hydrostatic, work, self breaking	ions. Characte pneumatic. S g. Multi moto	eristics of tationary or drives,	
4. Teach	ning methods:									
						n (N) and Laboratory (i). cal part (which can be ta			mination	
				Knowledge e	evaluation	(maximum 100 points)				
	Pre-examina	ation obliga	tions	Mandatory	Points	Final e	xam	Mandatory	Points	
Exercise	e attendance			Yes	5.00	Final exam - part one		Yes	20.00	
	attendance			Yes		Final exam - part two		Yes	20.00	
Test				Yes		Practical part of the exar	n - tasks	Yes	30.00	
Test				Yes	10.00					
					Liter	ature	-			
Ord.		uthor			Title)	Publishe	er	Year	
1,	R. Šostakov			onski sistemi (s	. ,		FTN, Novi Sad		2004	
2,	B. Jurković			tromotorni pog			Skolska knjiga, Zag		1983	
3,	Lj. Krsmanov	vic, A. Gajić	c Iurb	omaŝine. Hidro	odinamički	i prenosnici snage	Mašinski fakultet, B	eograd	2006	



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UNIVERSITY OF NOVI SAD

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



Study Programme Accreditation

UNDERGRADUATE ACADEMIC STUDIES

Mechanization and Construction Engineering

Course:	:												
Course	id:	M302		Fundamentals of IC Engines									
Number	r of ECTS:	5											
Teache	r:		Dorić Ž. Jov	ić Ž. Jovan									
Course	status:		Mandatory	datory									
Number	r of active teac	hing classe	es (weekly)										
L	ectures:	Practical	classes:	Other teachi	ng types:	Study rese	arch work:	Other cla	sses:				
	2		1	1		0		0					
Precond	dition courses			None		•							
1. Educ	ational goal:												
Student	s acquire basi	c theoretica	al and practic	al knowledge	about eng	ines with internal combus	tion						
2. Educ	ational outcom	nes (acquire	ed knowledge	e):									
	ts are capable advancement				vledge an	d skills working indepen	dently or in teams, as	s well as the	ability of				
3. Cours	se content/stru	icture:											
engines	: piston mech	anism, dist	ribution mec	hanism, fuel s	supply, co	and basic terms. Descript oling, lubrication, ignition tics of IC engines.							
4. Teacl	hing methods:												
Teachin	ig takes the for	rm of lectur	es, computin	g and laborate	ory practic	e and consultations.							
				Knowledge e	evaluation	(maximum 100 points)							
	Pre-examina	tion obliga	tions	Mandatory	Points	Final e	kam	Mandatory	Points				
Homew	ork			Yes	15.00	Oral part of the exam		Yes	50.00				
Lecture	attendance			Yes	5.00								
Test				Yes	10.00								
Test				Yes	10.00								
Test				Yes	10.00								
	_				Liter	ature							
Ord.	A	uthor			Title)	Publishe	r	Year				
1,	Dorić J.		Osno	vi motora SUS	S (izvodi s	a predavanja)	FTN		2012				
2,	Klinar I.		Moto	ri SUS			FTN Novi Sad		2010				
3,	Torović T.		Osno	vi motora SUS	3		FTN Novi Sad		1997				
4,	Tomić, M.,Pe	trović,S.	Moto	ri sa unutrašnj	im sagore	evanjem	Mašinski fakultet, B	eograd	1994				



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



Study Programme Accreditation

UNDERGRADUATE ACADEMIC STUDIES

Mechanization and Construction Engineering

Course	:											
Course	id:	M303		Fundamentals of Motor Vehicles								
Number	r of ECTS:	5										
Teache	r:	(Časnji F. F	nji F. Ferenc								
Course	status:	l I	Mandatory	datory								
Number	r of active tead	hing classes	(weekly)	ekly)								
L	ectures:	Practical of	lasses:	es: Other teaching types: Study research work: Other classes:								
	2	1		1 0 2								
Precon	dition courses		-	None								
1. Educ	ational goal:											
Acquirir	ng basic knowl	edge about t	the way mo	otor vehicle ope	erate and h	ow they are constructed.						
2. Educ	ational outcom	nes (acquired	d knowledg	ge):								
Studen technol		e of using t	he acquir	ed knowledge	and skills	s in solving routine eng	ineering tasks in th	e area of au	tomotive			
3. Cour	se content/stru	ucture:										
hydrody friction) wheels: hydraul braking 4. Teac	ynamic, and fi , semi-shafts. : Types of sys ic, pneumatic, force. hing methods:	rictional gea Power distril tem, spring , hydro pneu	irbox. Univ butor with s and sho imatic sys	versal joint. dri multiple axle dr ck absorbers. \$ tem, componer	ve bridge: ive (4WD) Steering s nts of trans	le. Friction and hydrod master transmission, c . Chassis. Wheel and pr ystems: types of system smission mechanisms, c	lifferential (without f neumatic. System for s, steering mechanis	riction, with a elastic cushi sms. Breaking	dditional oning for system:			
Lecture	s, practice clas	sses, visits to	o fairs and	companies, co								
				-	i	(maximum 100 points)		I 1				
	Pre-examina	ation obligation	ons	Mandatory	Points	Final ex	kam	Mandatory	Points			
	e attendance attendance			Yes	5.00 5.00	Oral part of the exam		Yes	50.00			
Test	allenuarice			Yes Yes	10.00							
Test				Yes	10.00							
Test				Yes	10.00							
Test				Yes	10.00							
				-	Litera	ature						
Ord.	A	Author			Title		Publishe	er	Year			
1,	Časnji F., Po		Mot	orna vozila (izv	odi sa pred	lavanja)			2007			
2,	Milidrag S.,P Z.,Muždeka	S.	Drumska motorna vozila Fakultet tehničkih nauka u Novom Sadu 2002						2002			
3,	Časnji F., Kli V.	nar I., Muzik	kravić Savremene tendencije u automobilskoj tehnici DDOR Novi Sad, Novi Sad 2001									
	Janićijević N				,		DDOR NOW Odd, N	ovi Sad	2001			



UNIVERSITY OF NOVI SAD

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



Study Programme Accreditation

UNDERGRADUATE ACADEMIC STUDIES

Mechanization and Construction Engineering

Course	:										
Course	id:	M304		Biosystem Machines 1							
Numbe	r of ECTS:	5									
Teache	rs:		Martinov L.	Milan, Veselin	ov V. Brar	nislav					
Course	status:		Elective								
Numbe	r of active tead	ching classe	es (weekly)	(weekly)							
L	ectures:	Practical	classes:	Other teachi	ng types:	Study resea	arch work:	Other cla	sses:		
	2	1	1	1		0		0			
Precon	dition courses	-	•	None							
1. Educ	ational goal:										
Acquirir	ng fundamenta	al knowledg	e on agricultu	iral machines.							
2. Educ	ational outcon	nes (acquire	ed knowledge	e):							
Knowle	dge on techno	logies and	agricultural p	roduction mac	hines.						
3. Cour	se content/stru	ucture:									
cultivati Chemic equipm materia	ion. Modern la cal protection ent. Mowing n	and cultivati procedure nachines.	ion procedure Biomateria	es – conserva als characteri	tion proce stics. Bio	solutions. Land cultivations. Land cultivations essing. Mineral fertilizers materials cutting. Trnala sport. Biomaterials press	distribution. Organic atorz mowing equipr	fertilizers dis nent. Rotary	stribution.		
Auditor	y classes and	laboratory p	practice, visite	s to farms and	agricultur	al machine factories visit	3.				
				Knowledge e	valuation	(maximum 100 points)					
	Pre-examina	ation obliga	tions	Mandatory	Points	Final e	kam	Mandatory	Points		
Exercis	e attendance			Yes	5.00	Final exam - part one		Yes	20.00		
Homew				Yes		Final exam - part two		Yes	50.00		
Homew	-			Yes	5.00						
Homew				Yes	5.00						
Homew				Yes	5.00						
Lecture	attendance			Yes	5.00						
					Liter	ature					
Ord.	l A	Author			Title)	Publishe	r	Year		
1,	Tešić, M., M	artinov, M.	Predl	ošci za nastav	vu iz poljoj	privrednih mašina	Institut za mehaniza Fakulteta tehničkih Sad	nauka, Novi	2001		
2, Tešić, M. Princip				pi rada mašin	a za žetvu	ı travnatih materijala	Institut za mehanizaciju Fakulteta tehničkih nauka, Novi Sad		1984		
	3, Vojvodić, M. at al. Mehanizacija poljoprivre Mehanizacija u biljnoj poljoprivre						Sau				



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



Study Programme Accreditation

UNDERGRADUATE ACADEMIC STUDIES

Mechanization and Construction Engineering

Course:	:									
Course	id:	M312A		Fund	ament	tals of Transpor	tation Machir	nes		
Number	r of ECTS:	5								
Teacher	rs:		Šostakov S.	Rastislav, Vla	adić M. Jov	van				
Course	status:		Elective							
Number	r of active teac	hing classe	es (weekly)							
L	ectures:	Practical	classes:	Other teachi	ng types:	Study resea	arch work:	Other cla	isses:	
	2	1		1		0		0		
Precond	dition courses			None		•				
1. Educa	ational goal:									
	s are introduce es and devices		mentals of tra	ansport proce	sses and	material flow and are able	e to calculate basic p	arameters of	transport	
2. Educa	ational outcom	es (acquire	ed knowledge):						
						liminary designs for trans or other engineering subj		ofessional ch	noice and	
3. Cours	se content/stru	cture:								
Module Convey TRANS	1: UNINTER	RUPTED T action elen	RANSPORT nent. Flexible rnal transport	MACHINES transport sy means. Basi	Uninterr stems. F1 ic parame	aterial flow. Characteristic upted transport (belt cor FrS).Automated transport ters of interrupted transp ith interrupted transport r	iveyers) Conveyers t lines (ATrL). Modul ort machines. Partic	with traction le 2 : INTER cular character	element. RUPTED eristics of	
4. Teacl	hing methods:									
Lecture examina		asses: Cal	culation (N) ,	laboratory (L) The e>	camination is written and	l oral (can be taken	in the form	of partial	
				Knowledge e	evaluation	(maximum 100 points)				
	Pre-examina	ition obligat	tions	Mandatory	Points	Final ex		Mandatory	Points	
	e attendance			Yes		Theoretical part of the ex	am	Yes	70.00	
	attendance			Yes	5.00 20.00					
Term pa	aper			Yes						
						ature	Detro		Maar	
Ord.	A Babin, N., Vla	uthor			Title		Publishe	er	Year	
1,	Šostakov, R.			portna sredst	· ·	,	FTN, Novi Sad		1999	
2,	Vladić, J.		Osnovi transportnih mašina - Mašine i uređaji neprekidnog transporta (skripta) FTN, Novi Sad 2010							



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UNIVERSITY OF NOVI SAD

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



Study Programme Accreditation

UNDERGRADUATE ACADEMIC STUDIES

Mechanization and Construction Engineering

Course:	:														
Course	id:	M313A		CAD/CAE Course											
Number	r of ECTS:	5													
Teache	er:		Vladić M. Jo	/ladić M. Jovan											
Course	status:		Elective	Elective											
Number	r of active teac	hing classe	s (weekly)												
L	.ectures:	Practical	classes:	Other teachi	ng types:	Study rese	arch work:	Other cla	sses:						
	1	0		1		C		2							
Precond	dition courses	-		None		-									
1. Educ	ational goal:														
Student	ts will be able t	to use CAD/	CAE softwar	e tools for aut	tomation o	f design procedures.									
2. Educ	ational outcom	nes (acquire	ed knowledge):											
Acquire	ed knowledge o	an be used	as a tool fro	developing pi	reliminary	and final designs of mac	nines and devices.								
3. Cours	se content/stru	icture:													
module technica parame modelli mechar	of CATIA soft al documentat eters. Grounds ing and mode	ware packa tion. Know s for elabor Iling of cop achines. Kin	ge as a core ledgeware m ration of par omlex surfac	for developing odule for pa ts datebase. es. Introduc	g production rameter, of Shape Do tion to en	documentation. Environ on from product concept object oriented modeling esign. Wireframe, surfa ngineering analysis (CA Kinematic pairs and ki	through design to cor Definition of relatio ce and solid models E). Modules for kin	nplete develo ns and rules . Tools for a	pment of between dvanced						
						ents work two project ta ssibilities for certification		project. Acc	ording to						
				Knowledge e	evaluation	(maximum 100 points)									
	Pre-examina	ation obligat	ions	Mandatory	Points	Final e	xam	Mandatory	Points						
	ter exercise at	tendance		Yes		Oral part of the exam		Yes	30.00						
	attendance			Yes	5.00										
Project Project				Yes	30.00										
Project					15.00				Yes 15.00						
110,000															
				Literature Title Publisher Vear											
Ord.	A	Nuthor			Title		Publishe	er l	Year						
Ord. 1,	A Jovanović, N		ć, J. CAD/I	-EA praktikur	Title		Publishe MF Niš i MF Podgo Podgorica	rico	Year 2000						
				EA praktikur	Title n za proje	ktovanje u mašinstvu		rica,							
1,		1., Jovanovi	CATIA Prakti	A Web-based kum CAD/CA	Title n za proje Learning E (skripta)	ktovanje u mašinstvu Solutions	MF Niš i MF Podgo Podgorica	rica,	2000						



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UNIVERSITY OF NOVI SAD

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



Study Programme Accreditation

UNDERGRADUATE ACADEMIC STUDIES

Mechanization and Construction Engineering

Course:											
Course i	d:	M315		Hydraulic Transmissions in Mechanization							
Number	of ECTS:	5									
Teacher			Malešev T. I	Petar							
Course s	status:		Elective								
Number	of active teacl	ning classe	s (weekly)								
Le	ectures:	Practical	classes:	Other teachi	ng types:	Study resea	arch work:	Other cla	isses:		
	2	1		1		0		0			
Precond	ition courses			None		•					
1. Educa	ational goal:										
Preparat	tion for unders	tanding the	functioning,	synthesis, ex	ploitation	and maintenance of hydra	aulic static transmissi	on systems.			
2. Educa	ational outcom	es (acquire	d knowledge	e):							
			-	,	esis and c	alculation of hydraulic sys	stems, maintenance.				
3. Cours	e content/stru	cture:									
Tanks. F	ilters. Hydrau	lic accumu	lators. Oil co	olers. Pipielir	nes. Synth	ulic pumps and motors. I esis of hydrostatic transr systems with machines.	nission systems. Deg	gree of use o	f hydrolic		
4. Teach	ning methods:										
	s. Auditory, ca itions during th			y practice. Th	nere is a p	ossibility for students` ac	tive participation in c	lass and taki	ng partial		
				Knowledge e	evaluation	(maximum 100 points)					
	Pre-examina	tion obligat	ions	Mandatory	Points	Final ex	kam	Mandatory	Points		
Exercise	attendance			Yes	5.00	Oral part of the exam		Yes	50.00		
Lecture a	attendance			Yes	5.00						
Test				Yes	10.00						
Test				Yes	10.00						
Test			Yes 10.00								
Test				Yes	10.00						
					Liter						
Ord.		uthor			Title		Publishe		Year		
,	Kelić., V.			prenosnici		99 - Ludo 4 -	Naučna knjiga, Beo	grad	1989		
2,	Malešev P.		Hidro	prenosnici u n	nehanizac	iji, skripta	FTN-Novi Sad		2010		



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



Study Programme Accreditation

UNDERGRADUATE ACADEMIC STUDIES

Mechanization and Construction Engineering

Course	:								
Course	id:	IM1022		Fund	ament	als of technical	systems con	trol	
Number	r of ECTS:	4							
Teache	rs:		Stankovski \	/. Stevan, Ost	ojić M. Go	ordana, Pekarić-Nađ M. N	eda, Jovanović M. Vi	ukica	
Course	status:		Elective						
Number	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		0		0	
Precon	dition courses			None					
1. Educ	ational goal:								
	al of this cour s in manufact				asic techn	iques and equipment us	ed for control and r	egulation of	technical
2. Educ	ational outcom	nes (acquire	ed knowledge	e):					
Outcom	e of the subject	ct is master	ing the metho	ods of control	of technic	al systems applied in diffe	erent types of busines	ses.	
3. Cour	se content/stru	icture:							
Mechat		Mathemat				c principles of control of ontrolled. Principles of im			
4. Teac	hing methods:								
Knowle		carried out				e exercises the student n, while before that studen			
				Knowledge e	evaluation	(maximum 100 points)			
	Pre-examina	tion obliga	tions	Mandatory	Points	Final ex		Mandatory	Points
Exercis	e attendance			Yes	5.00	Written part of the exam	- tasks and theory	Yes	70.00
	attendance			Yes		Coloquium exam		No	20.00
Test				Yes		Coloquium exam		No	20.00
Test				Yes	10.00				
					Liter	ature		i	
Ord.	A	uthor			Title		Publishe	er	Year
1,	Milić Stojić					kog upravljanja	Načna knjiga		2001
2,	Groover P. N	likell		nation, produc rated Manufac		em and Computer	Prentice Hall		2003



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UNIVERSITY OF NOVI SAD

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



Study Programme Accreditation

UNDERGRADUATE ACADEMIC STUDIES

Mechanization and Construction Engineering

Course	:											
Course	id:	M2410		Mechanism Synthesis								
Number	r of ECTS:	5										
Teache	r:		Čavić M. Ma	ja								
Course	status:		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:			
	2	1		1		0		0				
Precon	dition courses	•				•						
1. Educ	ational goal:											
Student	ts are introduce	ed to specifi	c problems c	f mechanism	synthesis							
2. Educ	ational outcom	nes (acquire	d knowledge):								
Student	ts are able to a	apply synthe	sis of mecha	nisms to prac	tical probl	ems.						
3. Cours	se content/stru	icture:										
of synth dynami dynami	nesis of mecha c task. Synthe	anisms for g esis of cam c task(. Syn	enerating mo mechanism thesis of cor	otion, general s (general co nplex mechai	ing, path onditions on nisms. Ba	ns for a designated kinem and generating function. of efficiency, choice of la sics of optimal synthesis.	Synthesis of mechan aws of motion, synth	isms for a de	esignated esignated			
4. Teac	hing methods:											
Teachir	ng methods inc	clude: lecture	es; graphic a	nd computer	practice cl	asses, consultations.						
				Knowledge e	evaluation	(maximum 100 points)						
	Pre-examina	ation obligati	ons	Mandatory	Points	Final ex	kam	Mandatory	Points			
Lecture	attendance			Yes		Final exam - part one		Yes	15.00			
Project	task			Yes		Final exam - part two		Yes	15.00			
Test				Yes	10.00	Practical part of the exam	n - tasks	Yes	40.00			
	i					ature		ŕ				
Ord.		Nuthor	-4:4		Title	9	Publishe	r	Year			
1,	Zlokolica M, M.	Cavić M, Ko	Meha	nika mašina			FTN Novi Sad		2005			
2,	Zlokolica M.,	Cvetićanin	L. Preno	s snage i kret	tanja		FTN Novi Sad					
3,	Suh, C.W. R		Kinon	natics and Me	oboniom [John Wiley and Sor		1989			
- ,		adcliffe	Kinen			Design	York	is inc., New	1989 1979			



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



Study Programme Accreditation

UNDERGRADUATE ACADEMIC STUDIES

Mechanization and Construction Engineering

Course:									
Course i	d:	M2411			-	Theory of Oscill	ation		
Number	of ECTS:	5							
Teachers	s:		Cvetićanin J	. Livija, Zukov	ić M. Mioc	Irag			
Course s	status:		Elective						
Number	of active teacl	hing classe	es (weekly)						
Le	ectures:	Practical	classes:	Other teachi	ng types:	Study resea	arch work:	Other cla	asses:
	2	2	2	0		0		0	
Precond	ition courses			None		•			
1. Educa	ational goal:								
To acqui	ire basic know	ledge in th	e theory of os	cillation and i	n the pher	nomena of oscillatory mot	ion.		
2. Educa	ational outcom	es (acquire	ed knowledge):					
To acqui	ire knowledge	necessary	for a modern	mechanical	engineer.				
3. Cours	e content/stru	cture:							
one degr circular f the one Heavisic system. Resonar stability	ree-of-freedor frequencies. C degree-of-fre de forces. Kin Integration of nce. Dynamic	n system. Curled and eedom sys etic and p the motion buffer. Inf ansversal	Lagrange equ transversal of tem. Forced otential energ equation of t luence of vis oscillations of	uations for mo scillations of r oscillations i gy of the two he two degree cous friction f a string. Lor	otion of the nassive gi n the one degree-o e-of-freedo on small o ngitudinal	dom of motion. Equivalen e one degree-of-freedom rders. Free oscillations w e-degree-of-freedom sys f-freedom system. Lagra om system. Forced oscilla oscillations in the two de oscillations of a beam. (adox.	system. Riley's proo ith viscous friction for tem. Forced oscillat ange motion equatio ations of the two degr gree-of-freedom sys	cedure for de rce and slidin tions under I ns for the tw ree-of-freedor tem. Definitio	termining og force in Dirak and o degree m system. on on the
	ning methods:								
	and practice.								
				Knowledge e	evaluation	(maximum 100 points)			
	Pre-examina	tion obliga	tions	Mandatory	Points	Final ex	kam	Mandatory	Points
Exercise	attendance			Yes	15.00	Written part of the exam	- tasks and theory	Yes	30.00
Lecture a	attendance			Yes	15.00	Coloquium exam		Yes	30.00
						Oral part of the exam		Yes	10.00
					Liter	ature			
Ord.		uthor			Title		Publishe	er	Year
,	B, Vujanović		Oscila	,			FTN		1995
2,	I.V. Meščersk	KI	Zbirka	a zadataka iz	mehanike		Naučna knjiga		1995



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



Study Programme Accreditation

UNDERGRADUATE ACADEMIC STUDIES

Mechanization and Construction Engineering

Course:										
Course	id:	M325		Automatic Control Systems						
Number	of ECTS:	5								
Teache	r:		Kulić J. Fi	lip						
Course	status:		Elective							
Number	of active teac	hing classe	es (weekly)							
L	ectures:	Practical	classes:	Other teachi	ng types:	Study rese	arch work:	Other cla	sses:	
	2		1	1		0		0		
Precond	lition courses			None		•	•			
1. Educ	ational goal:			-						
Introduc	ing students to	o the theor	etical and p	practical basis of	analysis a	and synthesis of the autor	matic control system.			
2. Educ	ational outcom	nes (acquir	ed knowled	lge):						
The acc	uired knowled	lge can be	used in sol	ving practical en	igineering	problems and forms a ba	sis for future enginee	ering subjects		
3. Cours	se content/stru	icture:								
evaluati and syr	on and of con theses of sys	trol in stati tem in free	ionary and quency don	transition regim nain. Nyquist st	e. Analysi ability crit	atical description of contin is of system stability usin eria, Bode method, Con- ents of digital control syste	g analytical methods cept of space of syst	. Root locus. em state. Ch	Analysis oice and	
4. Teac	hing methods:									
whole c	an be taken ir al grade is fo	n the form	of a colloqu	uium. Colloquiui	m and exa	y practice. Consultations aminationsare oral and w Illoquium, computer-lab	ritten. Both parts are	taken in writ	tten form.	
				Knowledge e	evaluation	(maximum 100 points)				
	Pre-examina	ation obliga	tions	Mandatory	Points	Final e	-	Mandatory	Points	
Test				Yes		Theoretical part of the ex		Yes	20.00	
Test Test				Yes	10.00	Practical part of the exar	n - tasks	Yes	50.00	
1631				Yes		l ature				
Ord.	Λ	uthor			Title		Publishe)r	Year	
01u. 1,	Milić Stojić		Kor	ntinualni sistemi				1	1978	
2,	Richard Dorf	; Robert Bi		dern Control Sys		ing spinning			2010	
3,	Filip Kulić		- ·	,		utomatskog upravljanja			2005	



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



Study Programme Accreditation

UNDERGRADUATE ACADEMIC STUDIES

Mechanization and Construction Engineering

Course	÷								
Course	id:	M305A				Metal Structu	res		
Numbe	r of ECTS:	7							
Teache	er:	Zu	ber F. Nin	noslav					
Course	status:	Ma	andatory						
Numbe	r of active teac	hing classes (weekly)						
L	ectures:	Practical cla	sses:	Other teachi	ng types:	Study rese	arch work:	Other cla	asses:
	3	1		2		C)	0	
Precon	dition courses			None		·			
1. Educ	cational goal:								
	natic acquisitio g and exploitat					erstanding of the proce ms.	ss of design, calcula	ation and con	structior
2. Educ	cational outcom	nes (acquired k	nowledge	e):					
	quired knowle nical structure					ne engineering work in	the process of desi	gn and explo	itation o
3. Cour	se content/stru	icture:							
						anization means, transpo ture (grid, frame, framewo			
of load and pre constru	capacity of a s essure vessel icting structural	tructure. Elem s). Theory of elements. Ela	ents of the structure istic stabil	eory of framev calculation l ity of metal str	vork struct by metric ructures. J	ure (grid, frame, framewo method of analysis, su loining structural element	ork structures with m	ixed joints, bo er. Dimensio	x carrier
of load and pre constru of light	capacity of a s essure vessels locting structural metal structure	tructure. Elem s). Theory of elements. Ela	ents of the structure istic stabil	eory of framev calculation l ity of metal str	vork struct by metric ructures. J	ure (grid, frame, framewo method of analysis, su loining structural element	ork structures with m	ixed joints, bo er. Dimensio	x carrier
of load and pre constru of light 4. Teac	capacity of a s essure vessels loting structural metal structure ching methods:	tructure. Elem s). Theory of l elements. Ela s . Testing an	ents of the structure istic stabil d verificati	eory of frameve calculation l ity of metal str ion of structure	vork struct by metric ructures. J e success	ure (grid, frame, framewo method of analysis, su loining structural element	ork structures with m ipported by comput is . Introducing load t	ixed joints, bo er. Dimensio o structure.	x carriers ning and Synthesis
of load and pre constru of light 4. Teac	capacity of a s essure vessels loting structural metal structure ching methods:	tructure. Elem s). Theory of l elements. Ela s . Testing an	ents of the structure istic stabil d verificati	eory of framev e calculation l ity of metal str ion of structure es. Practice cla	vork struct by metric ructures. J e success asses: nun	ure (grid, frame, framewo method of analysis, su loining structural element fulness nerical (N), laboratory (L)	ork structures with m ipported by comput is . Introducing load t	ixed joints, bo er. Dimensio o structure.	x carrier ning an Synthesi
of load and pre constru of light 4. Teac	capacity of a s essure vessels locting structural metal structure ching methods: es, consultation	tructure. Elem s). Theory of elements. Ela s . Testing an s and visits to	ents of the structure astic stabil d verificati	eory of framev calculation l ity of metal str ion of structure es. Practice cla Knowledge e	vork struct by metric ructures. J e success asses: nun	ure (grid, frame, framewo method of analysis, su loining structural element fulness	ork structures with m ipported by comput is . Introducing load t , Calculation (C) and	ixed joints, bo er. Dimensio to structure. (x carriers ning and Synthesis
of load and pre- constru of light 4. Teac Lecture	capacity of a s essure vessels locting structural metal structure ching methods: es, consultation	tructure. Elem s). Theory of l elements. Ela s . Testing an	ents of the structure astic stabil d verificati	eory of framev e calculation l ity of metal str ion of structure es. Practice cla	vork struct oy metric ructures. J e success asses: nun evaluation Points	ure (grid, frame, framework method of analysis, su loining structural element fulness nerical (N), laboratory (L) (maximum 100 points)	ork structures with m ipported by comput is . Introducing load t , Calculation (C) and xam	ixed joints, bo er. Dimensio o structure.	x carrier ning an Synthesi Points
of load and pre- constru of light 4. Teac Lecture Exercis	capacity of a s essure vessels locting structural metal structure ching methods: es, consultation Pre-examina	tructure. Elem s). Theory of elements. Ela s . Testing an s and visits to	ents of the structure astic stabil d verificati	eory of framev e calculation I ity of metal str ion of structure es. Practice cla Knowledge e Mandatory	vork struct oy metric ructures. J e success asses: nun evaluation Points	ure (grid, frame, framework method of analysis, su loining structural element fulness nerical (N), laboratory (L) (maximum 100 points) Final e	ork structures with m ipported by comput is . Introducing load t , Calculation (C) and xam	ixed joints, bo er. Dimensio to structure. consultations Mandatory	x carriers ning and Synthesis Points
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of load and pro- constru of light 4. Teac Lecture Exercis Lecture Present Project	capacity of a s essure vessels inting structural metal structure ching methods: es, consultation Pre-examina e attendance attendance tation task	tructure. Elem s). Theory of elements. Ela s. Testing an s and visits to	ents of the structure astic stabil d verificati	eory of framev e calculation I ity of metal stri ion of structure es. Practice cla Knowledge e Mandatory Yes Yes	vork struct oy metric ructures. J e success asses: nun evaluation Points 5.00 5.00 10.00 15.00	ure (grid, frame, framework method of analysis, su loining structural element fulness nerical (N), laboratory (L) (maximum 100 points) Final e	ork structures with m ipported by comput is . Introducing load t , Calculation (C) and xam	ixed joints, bo er. Dimensio to structure. consultations Mandatory	x carriers ning and Synthesis Points
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FACULTY OF TECHNICAL SCIENCES 21000 NOVI SAD, TRG DOSITEJA OBRADOVIĆA 6



Study Programme Accreditation

UNDERGRADUATE ACADEMIC STUDIES

Mechanization and Construction Engineering

Course:								
Course id:	M308		Er	nginee	ring Logistics ar	nd Simulation	l	
Number of ECT	S: 5							
Teacher:		Georgijević S	S. Milosav					
Course status:		Mandatory						
Number of activ	e teaching classe	es (weekly)						
Lectures:	Practical	classes:	Other teachi	ng types:	Study resea	arch work:	Other cla	sses:
2		1	1		0		0	
Precondition co	urses		None		•	•		
1. Educational g	joal:							
	students of mecl		eering acquire	e part of g	eneral system knowledge	e which is necessary	fro proper de	sign and
2. Educational of	outcomes (acquir	ed knowledge):					
Student gain ba Supply Chain M		n engineering	logistics cov	vering area	as from distribution of go	ods, production prod	cesses and s	torage to
3. Course conte	nt/structure:							
Technical logist Logistics in goo Production logis Logistics of war	ds transport and stics, material flow ehouses, physica	distribution. Ir v and Supply al functions an	formation sys Chain Manag d commissior	stems. ement. ning. How	ocesses. much does logistics cost? ss fro optimization.	,		
4. Teaching me	thods:							
Students` active	participation in	the etching pr	ocess. Knowl	edge asse	essment is during the clas	ses and written and	oral examinat	ion.
	· ·		Knowledge e	evaluation	(maximum 100 points)			
Pre-ex	amination obliga	tions	Mandatory	Points	Final ex	am	Mandatory	Points
Exercise attend	5		Yes	5.00	Oral part of the exam	-	Yes	30.00
Lecture attenda	nce		Yes	5.00				
Presentation			Yes	10.00				I
Project			Yes	50.00				
				Liter	ature			
Ord.	Author			Title		Publishe	er	Year
	jević, M.	Tehni	čka logistika,	skripta		-		-
2, Baeun Schulz	e R., Martin H., e L.	Handl	buch der inne	nbetrieblic	chen Logistik	Jungheinrich, Hamb	burg	1998



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UNIVERSITY OF NOVI SAD

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



Study Programme Accreditation

UNDERGRADUATE ACADEMIC STUDIES

Mechanization and Construction Engineering

1	:				_				
Course	id:	M2407			В	iosystem Mach	ines 2		
Numbe	r of ECTS:	5							
Teache	ers:		Martinov I	L. Milan, Veselin	ov V. Bran	islav			
Course	status:		Mandator	у					
Numbe	r of active tead	hing classe	s (weekly))					
L	ectures:	Practical	classes:	Other teachi	ng types:	Study resea	arch work:	Other cla	sses:
	3	2		1		0		0	
Precon	dition courses	-	-	None		·			
1. Educ	ational goal:								
To acq	uire knowledge	e about the p	procedures	s and machines	for advanc	ed agricultural production	n of special types of p	plant species.	
2. Educ	cational outcon	nes (acquire	ed knowled	lge):					
Knowle	dge about cor	ntemporary	procedure	s, design, constr	uction and	production of machines	for special types of p	lant species.	
3. Cour	se content/stru	icture:							
of plan	t matariale [.] h	umidity di	moneione	shane friction			rovement of a solution		
charac machin of mec machin harvest 4. Teac	teristics, optic es and equipm hanization for es and equipm procedures, n thing methods: ry, teaching o	al characte nent. Transp special typ nent in anim nachines an	ristics, cho port in agri- pes of pla al husband id equipme	emical characte culture. Procedu nt species. Pro dry. Plants for pr ent. Procedures,	n, hardnes ristics, reo res, machi cedures a oduction in equipment	ess, description of a coll plogy. Application of ph ines and equipment for p nd equipment fro conse protected environment, t and machines for irrigat use of alternative source	ective, current char ysical properties of p roduction of medicina ervation, drying and tunnels, greenhouses ion.	racteristics, e blant materia al plants, deve storage. Pro s and hothous	electrical Is on the elopment ocedures, ses. After
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charac machin of mec machin harvesi 4. Teac Auditol examir Exercis Lecture Term p Ord. 1,	teristics, optic es and equipm hanization for es and equipm s procedures, n ching methods: ry, teaching o hation. Pre-examina e attendance aper A Martinov, M.	al characte hent. Transp special typ lent in anim nachines an n the econo ation obligat	ristics, choort in agrives of pla al husband al husband omy with ions	emical characte culture. Procedu nt species. Pro dry. Plants for pr ent. Procedures, special plant sp Knowledge e Mandatory Yes Yes Yes edloške za nasta sisteme 2	n, hardnes ristics, rec res, machi cedures a oduction in equipment becies or n evaluation (Points 5.00 20.00 Litera Title vu iz predr	es, description of a coll plogy. Application of phy ines and equipment for p nd equipment fro conse n protected environment, t and machines for irrigat use of alternative source (maximum 100 points) Final exam - part one Final exam - part two ature	ective, current char ysical properties of p roduction of medicina ervation, drying and tunnels, greenhouses ion. ces of energy, at the cam Publishe Institut za mehaniza Fakulteta tehničkih Sad Univerzitet u Novon Poljoprivredni fakult	acteristics, e olant materia al plants, deve storage. Pro s and hothous e Medicinal p Mandatory Yes Yes er aciju nauka, Novi n Sadu, tet, Novi	electrical ls on the elopment ccedures, ses. After blant fair, Points 30.00 40.00 Year 2004



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



Study Programme Accreditation

UNDERGRADUATE ACADEMIC STUDIES

Mechanization and Construction Engineering

Course	:			. 4				•	
Course	id:	M2062		Mee	chanic	al engineering t	echnologies	2	
Numbe	r of ECTS:	4							
Teache	rs:		Baloš S. Seb	oastian, Planč	ak E. Mirc	oslav, Vilotić Ž. Dragiša			
Course	status:		Mandatory						
Numbe	r of active teac	hing classe	s (weekly)						
L	.ectures:	Practical	classes:	Other teaching	ng types:	Study resea	arch work:	Other cla	sses:
	2	0		2		0		0	
Precon	dition courses			None					
1. Educ	ational goal:								
The aim	n is student edu	ucation in th	e field of me	chanical engir	neering te	chnologies: welding and r	metal forming.		
2. Educ	ational outcom	nes (acquire	d knowledge):					
The exc	cpectances are	basic know	vledge in weld	ding and meta	al forming.				
3. Cour	se content/stru	icture:							
Metal f	orming :Theor	etical basic	cs, material f	formability, fr	iction and	d lubrication in forming	processes. Bulk met	al forming p	rocesses
						ing, bending, deep drawi entional welding procedu		ools for meta	I forming.
4. Teac	hing methods:								
						gineering materials appli			ndividual
and tea	m work regard	ding probler	n solving and			nental work obtained in la	aboratory conditions.		
						(maximum 100 points)			D 1 1
Dragant	Pre-examina	ition obligat	ions	Mandatory	Points	Final ex		Mandatory	Points
Present Term pa				Yes Yes	20.00	Theoretical part of the ex	am	Yes	70.00
rennpe	aper			res		ature			
Ord.		uthor			Title		Publishe	or I	Year
01u. 1.	V.Palić		Tehnl	ogija zavariva		;	FTN Novi Sad	71	1987
2.	Plančak M., V	Vilotić D		ologija zavariva	,	misania	FTN, Novi Sad		2012
<u> </u>				negija plastici			,		



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



Study Programme Accreditation

UNDERGRADUATE ACADEMIC STUDIES

Mechanization and Construction Engineering

Course:					_	() I D			
Course	id:	M306			Pr	ofessional Pra	actice		
Number	of ECTS:	3							
Teacher	rs:								
Course	status:	1	Mandator	у					
Number	of active teac	hing classes	s (weekly))					
Le	ectures:	Practical c	classes:	Other teaching	ng types:	Study resea	arch work:	Other cla	asses:
	0	0		0		0		3	
Precond	dition courses			None		-			
1. Educa	ational goal:			-					
						panies and institutions ying previously acquir			ession for
2. Educa	ational outcom	nes (acquireo	d knowled	dge):					
within th	he selected co	ompany or i	nstitution	. Introducing stu	dents to the	sional knowledge for activities of the select their organizational st	cted company or ins		
3. Cours	se content/stru	icture:							
						of the company or inst he students is being e		professional p	practice is
4. Teach	hing methods:								
	ations and wi ional practice		essional	practice diary in	which the	student describes the	e activities and jobs	performed d	luring the
				Knowledge e	valuation (m	aximum 100 points)			
	Pre-examina	tion obligation	ons	Mandatory	Points	Final ex	kam	Mandatory	Points
					Literatu	ire			
Ord.	A	uthor			Title		Publishe	er	Year



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UNIVERSITY OF NOVI SAD

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



Study Programme Accreditation

UNDERGRADUATE ACADEMIC STUDIES

Mechanization and Construction Engineering

	c.								
Course	id:	EJ02L		En	glish L	_anguage – Pre-	-Intermediate	;	
Numbe	r of ECTS:	2							
Teache	ers:		Bogdanovi F. Jelisave		k M. Draga	ana, Katić M. Marina, Liče	en S. Branislava, Mirc	ović Đ. Ivana,	Šafranj
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	sses:
	2	()	0		0		0	
Precon	dition courses	<u>.</u>							
1. Educ	cational goal:								
						vocabulary related to even of tenses, adoption of co			prefixes
2. Educ	cational outcon	nes (acquire	ed knowledg	ge):					
Studon	4a awa ahia 4a .								
			and written	English in ever	vdav situa	ations using wider word fu	nd and more compley	v santanca str	nictures
Studen	ts are able to t	ise spoken	and written	English in ever	yday situa	ations using wider word fu	nd and more complex	x sentence str	uctures.
	rse content/stru	•	and written	English in ever	yday situa	ations using wider word fu	nd and more complex	x sentence str	ructures.
3. Cour Word f Continu	rse content/stru	icture: fixes, suffi Perfect Si	xes, compo mple and C	ound words), s Continuous, Pa	some phra	asal verbs, collocations. , Past Continuous, futur	Broadening the us	se of tenses	(Present
3. Cour Word f Continu irregula	rse content/stru formation (pre uous, Present	icture: fixes, suffi Perfect Si and Seco	xes, compo mple and C	ound words), s Continuous, Pa	some phra	asal verbs, collocations.	Broadening the us	se of tenses	(Present
 Court Word f Continu irregula Teac Communethod 	rse content/stru formation (pre uous, Present ar verbs. First ching methods: unicative meth	icture: fixes, suffi Perfect Si and Secon od is used	xes, compo mple and C nd Conditio , since obje developmer	ound words), s Continuous, Pa nal. ctives and cont	some phra st Perfect	asal verbs, collocations.	Broadening the us e forms). Adoption mmunication, which	e of tenses of a larger nu is very comp	(Present umber of
 Court Word f Continu irregula Teac Communethod 	rse content/stru formation (pre uous, Present ar verbs. First ching methods: unicative meth d contributes to	icture: fixes, suffi Perfect Si and Secon od is used	xes, compo mple and C nd Conditio , since obje developmer	ound words), s Continuous, Pa nal. ctives and cont nt of all languag themselves.	some phra st Perfect cents of th ge skills. 1	asal verbs, collocations. t, Past Continuous, futur e course are aimed at co	Broadening the us e forms). Adoption mmunication, which	e of tenses of a larger nu is very comp	(Present umber of
 Court Word f Continu irregula Teac Communethod 	rse content/stru formation (pre uous, Present ar verbs. First ching methods: unicative meth d contributes to	od is used balanced he teacher	xes, compo mple and C nd Conditio , since obje developmen and among	ound words), s Continuous, Pa nal. ctives and cont nt of all languag themselves.	some phra st Perfect cents of th ge skills. 1	asal verbs, collocations. t, Past Continuous, futur e course are aimed at co The emphasis is placed o	Broadening the us e forms). Adoption mmunication, which n the student activitie	e of tenses of a larger nu is very comp	(Present umber of
 Court Word f Continu irregula Teac Communethod 	rse content/stru formation (pre uous, Present ar verbs. First ching methods: unicative meth d contributes to teraction with t	od is used balanced he teacher	xes, compo mple and C nd Conditio , since obje developmen and among	cound words), s Continuous, Pa nal. ctives and cont nt of all languag themselves.	some phra st Perfect cents of th ge skills. T evaluation Points	asal verbs, collocations. t, Past Continuous, futur e course are aimed at co The emphasis is placed o (maximum 100 points)	Broadening the us e forms). Adoption mmunication, which n the student activitie	e of tenses of a larger nu is very comp es during lect	(Present umber of elex. This ures and Points
 Cour Word f Continuirregula Teac Community Teac their int 	rse content/stru formation (pre uous, Present ar verbs. First ching methods: unicative meth d contributes to teraction with t	od is used balanced he teacher	xes, compo mple and C nd Conditio , since obje developmen and among	ound words), s Continuous, Pa nal. ctives and cont nt of all languag themselves. Knowledge e Mandatory	some phra st Perfect eents of th ge skills. T evaluation Points 10.00 10.00	asal verbs, collocations. t, Past Continuous, futur e course are aimed at co The emphasis is placed o (maximum 100 points) Final ex	Broadening the us e forms). Adoption mmunication, which n the student activitie	e of tenses of a larger nu is very comp es during lect Mandatory	(Present umber of elex. This ures and Points
3. Cour Word f Continu irregula 4. Teac Commu method their inf	rse content/stru formation (pre uous, Present ar verbs. First ching methods: unicative meth d contributes to teraction with t	od is used balanced he teacher	xes, compo mple and C nd Conditio , since obje developmen and among	cund words), s Continuous, Pa nal. ctives and cont nt of all languag themselves. Knowledge e Mandatory Yes	some phra st Perfect rents of th ge skills. T evaluation Points 10.00	asal verbs, collocations. t, Past Continuous, futur e course are aimed at co The emphasis is placed o (maximum 100 points) Final ex	Broadening the us e forms). Adoption mmunication, which n the student activitie	e of tenses of a larger nu is very comp es during lect Mandatory	(Present umber of elex. This ures and Points
3. Cour Word f Continu irregula 4. Teac Commu method their inf Test Test	rse content/stru formation (pre uous, Present ar verbs. First ching methods: unicative meth d contributes to teraction with t	od is used balanced he teacher	xes, compo mple and C nd Conditio , since obje developmen and among	ctives and cont nal. ctives and cont nt of all languag themselves. Knowledge e Mandatory Yes Yes	some phra st Perfect rents of th ge skills. T evaluation Points 10.00 10.00	asal verbs, collocations. t, Past Continuous, futur e course are aimed at co The emphasis is placed o (maximum 100 points) Final ex	Broadening the us e forms). Adoption mmunication, which n the student activitie	e of tenses of a larger nu is very comp es during lect Mandatory	(Present umber of elex. This ures and Points
3. Cour Word f Continu irregula 4. Teac Commu method their inf Test Test	rse content/stru formation (pre uous, Present ar verbs. First ching methods: unicative meth d contributes to teraction with f Pre-examina	od is used balanced he teacher	xes, compo mple and C nd Conditio , since obje developmen and among	ctives and cont nal. ctives and cont nt of all languag themselves. Knowledge e Mandatory Yes Yes	some phra st Perfect rents of th ge skills. T evaluation Points 10.00 10.00	asal verbs, collocations. t, Past Continuous, futur e course are aimed at co The emphasis is placed o (maximum 100 points) Final ex Written part of the exam ature	Broadening the us e forms). Adoption mmunication, which n the student activitie	e of tenses of a larger nu is very comp es during lect Mandatory Yes	(Present umber of elex. This ures and Points
3. Cour Word f Continu irregula 4. Teac Commu method their inf Test Test Test Test	rse content/stru formation (pre uous, Present ar verbs. First ching methods: unicative meth d contributes to teraction with f Pre-examina	icture: fixes, suffi Perfect Si and Secon od is used balanced the teacher ation obliga	xes, compo mple and C nd Conditio , since obje developmen and among tions	ctives and cont nal. ctives and cont nt of all languag themselves. Knowledge e Mandatory Yes Yes	some phra st Perfect eents of th ge skills. 1 evaluation Points 10.00 10.00 10.00 Liter Title	asal verbs, collocations. t, Past Continuous, futur e course are aimed at co The emphasis is placed o (maximum 100 points) Final ex Written part of the exam ature	Broadening the us e forms). Adoption mmunication, which n the student activitie cam tasks and theory	e of tenses of of a larger nu is very comp es during lect Mandatory Yes	(Present umber of lex. This ures and Points 70.00
3. Cour Word f Continu irregula 4. Teac Commu method their inf Test Test Test Test Test Ord.	rse content/stru formation (pre uous, Present ar verbs. First ching methods: unicative meth d contributes to teraction with f Pre-examina	ation obliga	xes, compo mple and C nd Conditio , since obje developmen and among tions	ctives and cont nal. ctives and cont nt of all language themselves. Knowledge e Mandatory Yes Yes Yes Yes	some phra st Perfect rents of th ge skills. 1 evaluation Points 10.00 10.00 10.00 Liter Title Intermedia mmar Inter	asal verbs, collocations. t, Past Continuous, futur e course are aimed at co The emphasis is placed o (maximum 100 points) Final ex Written part of the exam written part of the exam ate ermediate	Broadening the us e forms). Adoption mmunication, which n the student activitie am tasks and theory Publishe	e of tenses of a larger nu is very comp es during lect Mandatory Yes er ress, Oxford	(Present umber of elex. This ures and Points 70.00 Year



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



Study Programme Accreditation

UNDERGRADUATE ACADEMIC STUDIES

Mechanization and Construction Engineering

Course:	:								
Course	id:	M310A			F	Road Vehicle Th	neory		
Number	r of ECTS:	5							
Teache	r:		Časnji F. Fe	erenc					
Course	status:		Elective						
Number	r of active teac	hing classe	s (weekly)						
L	ectures:	Practical	classes:	Other teachi	ng types:	Study resea	arch work:	Other cla	isses:
	2	1		1		0		0	
Precond	dition courses		•	None		-			
1. Educ	ational goal:								
	ts gain basic k eristics of road		about how n	notion is realiz	ed and th	e influence of construction	on parameters on tra	action and ex	ploitation
2. Educ	ational outcom	ies (acquire	ed knowledge	e):					
	o routinely use m work as wel				the area	of motion and exploitation	n of road vehicles, ar	nd to see his/	her place
3. Cours	se content/stru	cture:							
forces a of drivir consum Vehicle 4. Teac	and lateral slip, ng aggregate a nption. Vehicle stability: latera hing methods:	aqua-plani and transm e character al, longitud	ning, tire stif ission prope istics: steer inal, in a cur	fness. Vehicle` erties onto trac ing geometry, rve. Pneumatic	s traction ction force neutral s c models.	nce, longitudinal slip, ty force performances: moti performances, start tim teering, understeer, ove Vehicle models. Basic no	ion equation, aerodyr e and distance, brał rsteer, influential pa	namic forces, king performa irameters. sto	influence ince, fuel eer tests.
Lecture	s, laboratory p	ractice, cal	culation prac	ctice, consultati	ons.				
				Knowledge e	evaluation	(maximum 100 points)		-	
	Pre-examina	ition obligat	ions	Mandatory	Points	Final ex		Mandatory	Points
	e attendance			Yes		Written part of the exam	 tasks and theory 	Yes	70.00
	attendance			Yes	5.00 20.00				
Term pa	ареі			Yes		aturo			
Ord		uthor				ature	Publishe		Veer
Ord.		uthor		Belinete 1 1	Title		Fakultet tehničkih n		Year
1,	B. Stojić		leor	ija kretanja dru	mskih voz	nia – skripta	Sad	,	2010
2,	B. Stojić		Uput	stvo za izradu	vučnog pr	oračuna	Fakultet tehničkih n Sad	auka, NOVI	2009
3,	D. Janković,	J. Todorovi	ć Teor	ija kretanja mo	tornih voz	ila	Mašinski fakultet u	Beogradu	1990
4,	D. Simić		Motorna vozila Tehnička knjiga Beograd 1973						
5.	Janković D.			orna vozila - teo			Mašinski fakultet Be		1993



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



Study Programme Accreditation

UNDERGRADUATE ACADEMIC STUDIES

Mechanization and Construction Engineering

Course:				_					
Course	id:	NJ04L		Gerr	nan La	anguage – Upp	er-Intermedia	te	
Number	of ECTS:	2							
Teache	r:		Berić B. Andr	rijana					
Course	status:		Elective						
Number	of active teac	hing classe	s (weekly)						
L	ectures:	Practical	classes:	Other teaching	ng types:	Study resea	arch work:	Other cla	asses:
	2	0		0		0		0	
Precond	lition courses		-						
1. Educ	ational goal:								
	ng vocabulary, je structures.	, developing	g language co	ommunicative	compete	nce in a wide range of ev	eryday situations, ma	stering more	complex
2. Educ	ational outcom	nes (acquire	d knowledge)):					
						e of everyday situations i itudes in more detail.	using larger vocabula	ary and more	complex
3. Cours	se content/stru	icture:							
listened	l text. Theore	tical part o	f the course:	some time	clauses,	mplex situations, both ora antonyms, final sentenc da and wegen.	ally and in writing, bet es, warden in passi	ter understa ve and futur	nding of a re, future,
4. Teac	hing methods:								
						nts` activity during the owned wing teaching units are		mmunicatio	n, mutual
				Knowledge e	valuation	(maximum 100 points)			
	Pre-examina	tion obligat	ions	Mandatory	Points	Final ex	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				
					Liter	ature			
Ord.		uthor			Title)	Publishe	r	Year
1,	M.Perlmann- Tomaszewsk		ers Theme	en aktuell 3 (L	_ektion 6-l	Lektion 10)	Hueber Verlag		2004



UNIVERSITY OF NOVI SAD

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



Study Programme Accreditation

UNDERGRADUATE ACADEMIC STUDIES

Mechanization and Construction Engineering

Course:									
Course	id:	I914			l	Project Manage	ment		
Number	r of ECTS:	5							
Teache	rs:		Marić B. Bra	nislav, Radak	ović J. Nił	cola			
Course	status:	Ī	Elective						
Number	r of active teac	hing classe	s (weekly)						
L	ectures:	Practical	classes:	Other teachi	ng types:	Study resea	arch work:	Other cla	sses:
	2	2		0		0		0	
Precond	dition courses		-	None					
1. Educ	ational goal:								
	n of this cours ut projects; it					about management and practice.	project managemer	nt methodolog	gy due to
2. Educ	ational outcom	nes (acquire	ed knowledge):					
	s will be traine					apply the knowledge abo	ut project manageme	ent in solving	problems
3. Cours	se content/stru	icture:							
studies, assessr	, design conce ment. Impleme ement: risk ide	ept, making entation of t	a decision o he project: p	on the project	. Project p on, monito	n the project. Initiation o planning: project structur pring and control activities orrection. Computer sup	ing, project scheduli s, reporting, complet	ng, cost plani ion of the proj	ning, risk ject. Risk
The lec themation or in tea	c units listed ir	vide studen I the course Ineir own pro	e content. The oject and carr	e exercises wi y out all proje	ill present	project management sup examples of performed p ement activities according	rojects, and the stud	ents will indep	pendently
				Knowledge e	evaluation	(maximum 100 points)			
	Pre-examina	ation obligat	ions	Mandatory	Points	Final ex	-	Mandatory	Points
	e attendance			Yes		Theoretical part of the ex	am	Yes	70.00
Term pa	attendance			Yes Yes	5.00 20.00				
Termpe				res		ature			
Ord.	Δ	uthor			Title		Publishe	ər	Year
1,	, Radaković, N D., Morača, S	I., Stanivuk	ović, Osno	ve upravljanja		a (u pripremi)	Fakultet tehničkih n sad	auka - Novi	2007
2,	Jovanović, P		•	vljanje projekti			Fakultet organizaci beograd	oni nauka -	1995
3,	Grupa autora	·				gement Body of			
		a	Know	leage (PIVIBO	Ke Guide), 2004 Edition			2004



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



Study Programme Accreditation

UNDERGRADUATE ACADEMIC STUDIES

Mechanization and Construction Engineering

	:								
Course	id:	M2403A				IC Engines	i		
Numbe	r of ECTS:	6							
Teache	er:		Dorić Ž. Jo	van					
Course	status:		Mandatory						
Numbe	r of active teac	hing class	es (weekly)						
L	ectures:	Practical	classes:	Other teachi	ng types:	Study resea	arch work:	Other cla	isses:
	3		1	2		0		0	
Precon	dition courses		!	None					
1. Educ	cational goal:								
Gaining	g wide and in d	epth knowl	edge and sk	ills in the area	of engines	s with internal combustion	(IC engines).		
2. Educ	cational outcom	nes (acquir	ed knowledg	le):					
				e and skills in opment of mo		ntly and creatively, solv try.	e special and non-	routine probl	ems and
3. Cour	se content/stru	icture:							
						ne cycle: Otto, Diesel, co of calculation cycle. Proce			
theoret engine Expans indicate power, analysi Forming	ical cycle. Ana with suction a sion process. ed degree of u mechanical los s of combustion g combustion s	Ilysis of rea and superc Analysis o tilization an sses, specton process space with	al cycles and harging and of engine ind nd degree of fic effective with otto an otto and Die	d choice of par I specific chara dicators: mear f success of re fuel consumpti nd Diesel engin	ameters of acteristics i indicated al cycle. on and efines. Phas	ne cycle: Otto, Diesel, co of calculation cycle. Proce s of 2 stroke engines. Co d pressure, indicated po Analysis of engine effecti fective degree of utilizatio ses in normal combustion acteristics of engines: ana	ess of exchange of v ompression process. wer, specific indica veness: Mean effect n. Thermal balance. n process. Forms of	vork matter of Combustion ted fuel cons tive pressure, Achieving mix abnormal cor	f 4 stroke process sumption effective xture and mbustion
theoret engine Expans indicate power, analysi Forminy reglage	ical cycle. Ana with suction a sion process. ed degree of u mechanical los s of combustion g combustion s a and other cha	Ilysis of rea and superc Analysis o tilization an sses, speci- on process space with aracteristics	al cycles and harging and of engine ind nd degree of fic effective with otto an otto and Die	d choice of par I specific chara dicators: mear f success of re fuel consumpti nd Diesel engin	ameters of acteristics i indicated al cycle. on and efines. Phas	of calculation cycle. Proce s of 2 stroke engines. Co d pressure, indicated po Analysis of engine effecti fective degree of utilization ses in normal combustion	ess of exchange of v ompression process. wer, specific indica veness: Mean effect n. Thermal balance. n process. Forms of	vork matter of Combustion ted fuel cons tive pressure, Achieving mix abnormal cor	f 4 stroke process sumption effective xture and mbustion
theoret engine Expans indicate power, analysi Forming reglage 4. Teac Lecture diagran	ical cycle. Ana with suction a sion process. ed degree of u mechanical los s of combustion g combustion s and other cha ching methods: es, computing ns, and schem	Ilysis of rea and superc Analysis o tilization an sses, speci- on process space with aracteristics and labora es using co	al cycles and charging and of engine ind nd degree of fic effective with otto an otto and Die s. atory practic omputer and	d choice of par d specific chara dicators: mear f success of re fuel consumpti and Diesel engines. D e, consultation beam or overh	ameters of acteristics indicate al cycle. on and eff nes. Phas rive chara	of calculation cycle. Proce s of 2 stroke engines. Co d pressure, indicated po Analysis of engine effecti fective degree of utilization ses in normal combustion	ess of exchange of v ompression process. wer, specific indica iveness: Mean effect n. Thermal balance. n process. Forms of lysis of velocity, load	vork matter of Combustion ted fuel cons tive pressure, Achieving mix abnormal cor d, propelling, c	f 4 stroke process sumption effective xture and mbustion combined
theoret engine Expans indicate power, analysi Forming reglage 4. Teac Lecture diagran	ical cycle. Ana with suction a sion process. ed degree of u mechanical los s of combustion g combustion s and other cha ching methods: es, computing ns, and schem	Ilysis of rea and superc Analysis o tilization an sses, speci- on process space with aracteristics and labora es using co	al cycles and charging and of engine ind nd degree of fic effective with otto an otto and Die s. atory practic omputer and	d choice of par d specific chara dicators: mear f success of re fuel consumpti nd Diesel engines. D e, consultation beam or overh ngines using su	ameters of acteristics i indicate al cycle. on and eff nes. Phas rive chara s. Oral pr iead proje itable labo	of calculation cycle. Process of 2 stroke engines. Co d pressure, indicated po Analysis of engine effecti fective degree of utilization ses in normal combustion acteristics of engines: ana resentation of the materia for computing practice	ess of exchange of v ompression process. wer, specific indica iveness: Mean effect n. Thermal balance. n process. Forms of lysis of velocity, load	vork matter of Combustion ted fuel cons tive pressure, Achieving mix abnormal cor d, propelling, c	f 4 stroke process sumption effective xture and mbustion combined
theoret engine Expans indicate power, analysi Forming reglage 4. Teac Lecture diagran	ical cycle. Ana with suction a sion process. ed degree of u mechanical los s of combustion g combustion s and other cha ching methods: es, computing ns, and schem	and superc Analysis of tilization and sees, speci- on process space with anacteristics and labora es using co	al cycles and charging and of engine ind nd degree of fic effective with otto an otto and Die s. atory practic omputer and testing IC er	d choice of par d specific chara dicators: mear f success of re fuel consumpti nd Diesel engines. D e, consultation beam or overh ngines using su	ameters of acteristics i indicate al cycle. on and eff nes. Phas rive chara s. Oral pr iead proje itable labo	of calculation cycle. Process of 2 stroke engines. Co d pressure, indicated po Analysis of engine effecti fective degree of utilization ses in normal combustion acteristics of engines: ana resentation of the materia cotor. Computing practice poratory equipment.	ess of exchange of v ompression process. over, specific indica iveness: Mean effect in. Thermal balance. In process. Forms of ilysis of velocity, load al is accompanied b provide examples an	vork matter of Combustion ted fuel cons tive pressure, Achieving mix abnormal cor d, propelling, c	f 4 stroke process sumption effective xture and mbustion combined
theoret engine Expans indicate power, analysi Formin reglage 4. Teac Lecture diagran conduc	ical cycle. Ana with suction a sion process. ed degree of u mechanical los s of combustion s a and other cha ching methods: es, computing ms, and schem- ited with test be	and superc Analysis of tilization and sees, speci- on process space with anacteristics and labora es using co- enches for ation obliga	al cycles and charging and of engine ind nd degree of fic effective with otto an otto and Die s. atory practic omputer and testing IC er	d choice of par d specific chara dicators: mean f success of re fuel consumpti nd Diesel engines. D e, consultation beam or overh ngines using su Knowledge e	ameters of acteristics i indicater al cycle. on and ef nes. Phas rive chara s. Oral pr lead proje itable labo evaluation Points	of calculation cycle. Process of 2 stroke engines. Co d pressure, indicated po Analysis of engine effecti fective degree of utilization ses in normal combustion acteristics of engines: ana resentation of the materia cotor. Computing practice pratory equipment. (maximum 100 points)	ess of exchange of v ompression process. over, specific indica veness: Mean effect n. Thermal balance. n process. Forms of lysis of velocity, load al is accompanied b provide examples an	vork matter of Combustion Ited fuel cons tive pressure, Achieving miz abnormal cor d, propelling, c y suitable illu d laboratory p	f 4 stroke process sumption effective xture and nbustion combined strations strations Points
theoret engine Expans indicate power, analysi Formin reglage 4. Teac Lecture diagran conduc	ical cycle. Ana with suction a sion process. ed degree of u mechanical log s of combustion s and other cha shing methods: es, computing ns, and schem- ted with test be Pre-examina- ter exercise att	and superc Analysis of tilization and sees, speci- on process space with anacteristics and labora es using co- enches for ation obliga	al cycles and charging and of engine ind nd degree of fic effective with otto an otto and Die s. atory practic omputer and testing IC er	d choice of par d specific chara dicators: mean f success of re fuel consumpti and Diesel engines esel engines. D e, consultation beam or overh ngines using su Knowledge en Mandatory	ameters of acteristics i indicater al cycle. on and ef nes. Phas rive chara s. Oral pr lead proje itable labo evaluation Points 5.00	of calculation cycle. Process of 2 stroke engines. Co d pressure, indicated po Analysis of engine effecti fective degree of utilization ses in normal combustion acteristics of engines: ana resentation of the materia ctor. Computing practice pratory equipment. (maximum 100 points) Final ex	ess of exchange of v ompression process. over, specific indica veness: Mean effect n. Thermal balance. n process. Forms of lysis of velocity, load al is accompanied b provide examples an	vork matter of Combustion ted fuel cons tive pressure, Achieving miz abnormal cor d, propelling, c y suitable illu d laboratory p	f 4 stroke process sumption effective xture and nbustion combined strations ractice is Points 35.00
theoret engine Expans indicate power, analysi Formine reglage 4. Teac Lecture diagran conduc Compu Homew Lecture	ical cycle. Ana with suction a sion process. ed degree of u mechanical los s of combustion g combustion s e and other cha ching methods: es, computing ms, and schem- ited with test be Pre-examina ter exercise att york a attendance	and superc Analysis of tilization and sees, speci- on process space with anacteristics and labora es using co- enches for ation obliga	al cycles and charging and of engine ind nd degree of fic effective with otto an otto and Die s. atory practic omputer and testing IC er	d choice of par d specific chara dicators: mear f success of re fuel consumpti nd Diesel engines. D e, consultation beam or overh igines using su Knowledge of Mandatory Yes	ameters of acteristics i indicater al cycle. on and effnes. Phas rive chara s. Oral proje itable labor evaluation Points 5.00 5.00	of calculation cycle. Process of 2 stroke engines. Co d pressure, indicated po Analysis of engine effecti fective degree of utilization ses in normal combustion acteristics of engines: ana resentation of the materia ctor. Computing practice poratory equipment. (maximum 100 points) Final en Written part of the exam	ess of exchange of v ompression process. over, specific indica veness: Mean effect n. Thermal balance. n process. Forms of lysis of velocity, load al is accompanied b provide examples an	vork matter of Combustion ted fuel cons tive pressure, Achieving mix abnormal cor d, propelling, co y suitable illu d laboratory p Mandatory Yes	f 4 stroke process sumption effective xture and nbustion combined strations ractice is Points 35.00
theoret engine Expans indicate power, analysi Formin, reglage 4. Teac Lecture diagran conduc	ical cycle. Ana with suction a sion process. ed degree of u mechanical los s of combustion g combustion s e and other cha ching methods: es, computing ms, and schem- ited with test be Pre-examina ter exercise att york a attendance	and superc Analysis of tilization and sees, speci- on process space with anacteristics and labora es using co- enches for ation obliga	al cycles and charging and of engine ind nd degree of fic effective with otto an otto and Die s. atory practic omputer and testing IC er	d choice of par d specific chara dicators: mear f success of re fuel consumpti nd Diesel engine esel engines. D e, consultation beam or overh ngines using su Knowledge e Mandatory Yes Yes	ameters of acteristics i indicate al cycle. on and eff nes. Phas rive chara s. Oral pr lead proje itable labo evaluation Points 5.00 5.00	of calculation cycle. Process of 2 stroke engines. Co d pressure, indicated po Analysis of engine effecti fective degree of utilization ses in normal combustion acteristics of engines: ana resentation of the materia ctor. Computing practice poratory equipment. (maximum 100 points) Final en Written part of the exam	ess of exchange of v ompression process. over, specific indica veness: Mean effect n. Thermal balance. n process. Forms of lysis of velocity, load al is accompanied b provide examples an	vork matter of Combustion ted fuel cons tive pressure, Achieving mix abnormal cor d, propelling, co y suitable illu d laboratory p Mandatory Yes	f 4 stroke process sumption effective xture and nbustion combined strations ractice is Points 35.00
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theoret engine Expans indicate power, analysi Formine reglage 4. Teac Lecture diagran conduc Compu Homew Lecture	ical cycle. Ana with suction a sion process. ed degree of u mechanical log s of combustion g combustion s e and other cha ching methods: es, computing ns, and schem- ted with test be Pre-examina- ter exercise att york e attendance	and superc Analysis of tilization and sees, speci- on process space with anacteristics and labora es using co- enches for ation obliga	al cycles and charging and of engine ind nd degree of fic effective with otto an otto and Die s. atory practic omputer and testing IC er	d choice of par d specific chara dicators: mean f success of re fuel consumpti nd Diesel engines. D e, consultation beam or overh ingines using su Knowledge e Mandatory Yes Yes Yes	ameters of acteristics i indicater al cycle. on and eff nes. Phas rive chara s. Oral pried evaluation Points 5.00 5.00 15.00	of calculation cycle. Process of 2 stroke engines. Co d pressure, indicated po Analysis of engine effecti fective degree of utilization ses in normal combustion acteristics of engines: ana resentation of the materia cotor. Computing practice foratory equipment. (maximum 100 points) Final en Written part of the exam Oral part of the exam	ess of exchange of v ompression process. wer, specific indica veness: Mean effect n. Thermal balance. n process. Forms of lysis of velocity, load al is accompanied b provide examples an kam - tasks and theory Publishe	vork matter of Combustion ted fuel cons tive pressure, Achieving miz abnormal cor d, propelling, c y suitable illu d laboratory p Mandatory Yes Yes Yes	f 4 stroke process sumption effective xture and nbustion combined strations ractice is Points 35.00
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theoret engine Expans indicate power, analysi Formin reglage 4. Teac Lecture diagran conduc Compu Homew Lecture Project	ical cycle. Ana with suction a sion process. ed degree of u mechanical los s of combustion g combustion s e and other cha ching methods: es, computing ms, and schem ted with test be Pre-examina ter exercise att vork e attendance	Analysis of read and superc Analysis of tilization and sses, specion process space with aracteristics and laborates using co enches for ation obligatendance	al cycles and charging and of engine ind nd degree of offic effective with otto an otto and Die s. atory practic omputer and testing IC er tions	d choice of par d specific chara dicators: mean f success of re fuel consumptind d Diesel engines. D e, consultation beam or overh- ngines using su Knowledge e Mandatory Yes Yes Yes Yes	ameters of acteristics indicated al cycle. on and eff nes. Phas rive chara s. Oral pr lead proje itable labo evaluation Points 5.00 5.00 15.00 Liter Title	of calculation cycle. Process of 2 stroke engines. Co d pressure, indicated po Analysis of engine effecti fective degree of utilization ses in normal combustion acteristics of engines: ana resentation of the materia cotor. Computing practice pratory equipment. (maximum 100 points) Final en Written part of the exam Oral part of the exam	ess of exchange of v ompression process. wer, specific indica veness: Mean effect n. Thermal balance. n process. Forms of lysis of velocity, load al is accompanied b provide examples an kam - tasks and theory Publishe	vork matter of Combustion Ited fuel cons tive pressure, Achieving miz abnormal cor d, propelling, c y suitable illu d laboratory p Mandatory Yes Yes er nauka, Novi	f 4 stroke process sumption effective xture and mbustion combined strations practice is Points 35.00 35.00



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



Study Programme Accreditation

UNDERGRADUATE ACADEMIC STUDIES

Mechanization and Construction Engineering

	:								
Course	id:	M2404A				Motor Vehicle	es		
Numbe	r of ECTS:	5							
Teache	er:		Časnji F. Fe	erenc					
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	C)	2		0		0	
Precon	dition courses	-		None		•			
1. Educ	cational goal:								
Student	ts will gain wid	e and in-de	pth knowled	ge and skills in	the area	of motor vehicles.			
2. Educ	cational outcom	nes (acquire	ed knowledg	e):					
	to independen ndustry,	tly and cre	atively use f	he acquired k	nowledge	and skills and understar	nding of new trends	in the develo	pment o
3. Cour	rse content/stru	icture:							
Clossifi	option of mate		om the corr	of to chain -	and over	hitational abaractoriation 7	Coophrical conditions	rolovant for -	ofoty or -
design of safet nad ele	and exploitation and exploitation ty, technical ex	r vehiclesfr on of vehicl pertise and	les. Vehicle I forensics. (safety: system Conceprt of mo	s for incre tocycle m	bitational characteristics. T easing passive safety, veh aking and basic functiona od motor vehicle on the l	icle collision, mainte I parts, theory of mot	nance in as a ocyclre motio	a function n. Hybrid
design of safet nad ele and cor	and exploitation ty, technical ex actrical vehicles	r vehiclesfr on of vehicl pertise and s: concepts	les. Vehicle I forensics. (safety: system Conceprt of mo	s for incre tocycle m	easing passive safety, veh aking and basic functiona	icle collision, mainte I parts, theory of mot	nance in as a ocyclre motio	a function n. Hybrid
design of safet nad ele and cor 4. Teac	and exploitation ty, technical ex ectrical vehicles mponents.	r vehiclesfro on of vehicl pertise and s: concepts	les. Vehicle I forensics. C s, and basic	safety: system Conceprt of mo functional units	s for incre tocycle m s. Design	easing passive safety, veh aking and basic functiona	icle collision, mainte I parts, theory of mot	nance in as a ocyclre motio	a function n. Hybrid
design of safet nad ele and cor 4. Teac	and exploitation ty, technical ex- ectrical vehicles imponents. ching methods:	r vehiclesfro on of vehicl pertise and s: concepts	les. Vehicle I forensics. C s, and basic	safety: system Conceprt of mo functional units e, consultation	s for incre tocycle m s. Design s.	easing passive safety, veh aking and basic functiona od motor vehicle on the l	icle collision, mainte I parts, theory of mot	nance in as a ocyclre motio	a function n. Hybrid
design of safet nad ele and cor 4. Teac	and exploitation ty, technical ex- ectrical vehicles imponents. ching methods:	r vehiclesfro on of vehicl pertise and s: concepts ctice, labor	les. Vehicle I forensics. (s, and basic atory practic	safety: system Conceprt of mo functional units e, consultation Knowledge e	s for incre tocycle m s. Design s.	easing passive safety, veh aking and basic functiona	iicle collision, mainte l parts, theory of mot pasis of choice of ba	nance in as a ocyclre motio sic aggregate	a function n. Hybrid
design of safet nad ele and cor 4. Teac Lecture	and exploitation ty, technical ex- ectrical vehicles mponents. Thing methods: es, auditory pra	r vehiclesfro on of vehicl pertise and s: concepts ctice, labor	les. Vehicle I forensics. (s, and basic atory practic	safety: system Conceprt of mo functional units e, consultation	s for incre tocycle m s. Design s. s. evaluation Points	easing passive safety, veh aking and basic functiona od motor vehicle on the l (maximum 100 points)	iicle collision, mainte l parts, theory of mot pasis of choice of ba	nance in as a ocyclre motio	Points
design of safet nad ele and cor 4. Teac Lecture Exercis	and exploitation ty, technical ex- ectrical vehicles mponents. Thing methods: es, auditory pra	r vehiclesfro on of vehicl pertise and s: concepts ctice, labor	les. Vehicle I forensics. (s, and basic atory practic	safety: system Conceprt of mo functional units e, consultation Knowledge e Mandatory	s for incre tocycle m s. Design s. s. evaluation Points	easing passive safety, veh aking and basic functiona od motor vehicle on the l (maximum 100 points) Final ex	iicle collision, mainte l parts, theory of mot pasis of choice of ba	nance in as a ocyclre motio sic aggregate Mandatory	Points
design of safet nad ele and cor 4. Teac Lecture Exercis	and exploitation ty, technical ex- ectrical vehicles imponents. Thing methods: es, auditory prace Pre-examination e attendance e attendance	r vehiclesfro on of vehicl pertise and s: concepts ctice, labor	les. Vehicle I forensics. (s, and basic atory practic	safety: system Conceprt of mo functional units e, consultation Knowledge e Mandatory Yes	s for incre tocycle m s. Design s evaluation Points 5.00	easing passive safety, veh aking and basic functiona od motor vehicle on the l (maximum 100 points) Final ex	iicle collision, mainte l parts, theory of mot pasis of choice of ba	nance in as a ocyclre motio sic aggregate Mandatory	Points
design of safet nad ele and cor 4. Teac Lecture Exercis Lecture	and exploitation ty, technical ex- ectrical vehicles imponents. Thing methods: es, auditory prace Pre-examination e attendance e attendance	r vehiclesfro on of vehicl pertise and s: concepts ctice, labor	les. Vehicle I forensics. (s, and basic atory practic	safety: system Conceprt of mo functional units e, consultation Knowledge e Mandatory Yes Yes	s for increations. Design s. Design	easing passive safety, veh aking and basic functiona od motor vehicle on the l (maximum 100 points) Final ex	iicle collision, mainte l parts, theory of mot pasis of choice of ba	nance in as a ocyclre motio sic aggregate Mandatory	Points
design of safet nad ele and cor 4. Teac Lecture Exercis Lecture	and exploitation ty, technical ex- ectrical vehicles imponents. Thing methods: es, auditory pra Pre-examinate e attendance task	r vehiclesfro on of vehicl pertise and s: concepts ctice, labor	les. Vehicle I forensics. (s, and basic atory practic	safety: system Conceprt of mo functional units e, consultation Knowledge e Mandatory Yes Yes	s for increations. Design s. Design	easing passive safety, veh aking and basic functiona od motor vehicle on the l (maximum 100 points) Final ex Written part of the exam	iicle collision, mainte l parts, theory of mot pasis of choice of ba	nance in as a ocyclre motio sic aggregate Mandatory Yes	Points
design of safet nad ele and cor 4. Teac Lecture Exercis Lecture Project Ord. 1,	and exploitation ty, technical ex- ectrical vehicles imponents. Thing methods: es, auditory pra Pre-examinate e attendance task Demić M.	r vehiclesfr on of vehicl pertise and s: concepts ctice, labor	les. Vehicle I forensics. C atory practic tions	safety: system Conceprt of mo functional units e, consultation Knowledge e Mandatory Yes Yes Yes Stevenje putni	s for incre tocycle m s. Design s valuation 5.00 5.00 40.00 Liter Title	easing passive safety, veh aking and basic functiona od motor vehicle on the l (maximum 100 points) Final ex Written part of the exam ature	iicle collision, mainte I parts, theory of mot pasis of choice of ba a cam - tasks and theory Publishe Mašinski fakultet u	Mandatory Yes	Points 50.00 Year 2004
design of safet nad ele and cor 4. Teac Lecture Exercis Lecture Project Ord.	and exploitation ty, technical ex- ectrical vehicles imponents. Thing methods: es, auditory pra Pre-examinate e attendance task	r vehiclesfr on of vehicl pertise and s: concepts ctice, labor ation obligat	les. Vehicle I forensics. C atory practic tions Proje	safety: system Conceprt of mo functional units e, consultation Knowledge e Mandatory Yes Yes Yes Yes	s for incre tocycle m s. Design s valuation 5.00 5.00 40.00 Liter Title	easing passive safety, veh aking and basic functiona od motor vehicle on the l (maximum 100 points) Final ex Written part of the exam ature	icle collision, mainte l parts, theory of mot pasis of choice of ba am tasks and theory Publishe	Mandatory Yes	Points 50.00 Year



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UNIVERSITY OF NOVI SAD

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



Study Programme Accreditation

UNDERGRADUATE ACADEMIC STUDIES

Mechanization and Construction Engineering

Course	:								
Course	id:	M2406		(Constr	uction and Utilit	y Machines		
Numbe	r of ECTS:	7							
Teache	r:		Malešev T.	Petar					
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 clas	sses:
	3	2	2	1		0		0	
Precon	dition courses		-	None					
1. Educ	ational goal:								
Prepara	ation for succes	ssful desigr	n, exploitatio	on and maintena	ance of co	nstruction and utility mac	hines.		
2. Educ	ational outcom	nes (acquire	ed knowledg	je):					
	of machines, c ork device, ma				or use and	d method of operation, ca	pacity calculation, de	etermining crit	tical load
3. Cour	se content/stru	icture:							
operati classifi	on. Construct	tion machi nes for pro	nes for ear duction, tra	rthwork – mac	hines wit	on. Construction machir h continuous operation f concrete. Machines fo	. Machines for ston	e fragmenta	tion and
4. Teac	hing methods:								
Lecture semest		d laborator	y practice.	Students can p	articipate	in the teaching processe	s and take partial ex	aminations di	uring the
				Knowledge e	evaluation	(maximum 100 points)			
	Pre-examina	ation obliga	tions	Mandatory	Points	Final ex	kam	Mandatory	Points
Exercis	e attendance			Yes	5.00	Oral part of the exam		Yes	50.00
	attendance			Yes	5.00				
Test				Yes	10.00				
Test				Yes	10.00				
Test Test				Yes	10.00 10.00				
rest				Yes		ature			
Ord.		uthor			Title		Publishe	r I	Year
01d. 1,	Plavšić, M.		672	đevinske mašin			Naučna knjiga, Beo		1990
2,	Jevtić, V.			đevinske i ruda	-	ne	Univerzitet u Nišu	3	1990
۷.	30110, 1.		014						



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



Study Programme Accreditation

UNDERGRADUATE ACADEMIC STUDIES

Mechanization and Construction Engineering

Course:	:			_					
Course	id:	M2402		Co	ontinuo	us and Automa	ted Transpor	t	
Number	r of ECTS:	7							
Teacher	r:		Vladić M. Jov	van					
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	sses:
	3	2	2	1		0		0	
Precond	dition courses			None			I		
1. Educa	ational goal:			<u>,</u>					
	0	nowledge	about the des	ion of transpo	ort process	ses, material flow, transpo	ort machines and equ	ipment	
Curring		liomougo					si indoninoo ana oqa		
2. Educa	ational outcom	nes (acquire	ed knowledge):					
	quired knowle rt systems an			tice for the d	evilment o	of preliminary and main p	projects, optimal choi	ce and explo	itation of
3. Cours	se content/stru	icture:							
Transpo vibration transpo manipul control	orters with a tr n, cylinder and ort,) Calcul lators and ind	action elen d worm. Ca lation and ustrial robo	nent (ribbon, alculation and construction ots, flexible m	plate, rake, s construction of machine onorail and d	uspension of specifies and develouble rail	material. Calculation and and elevator). Transpor c devices of continuous f vices of automated tran gantry cranes, electrical c characteristics of trans	ters without a traction ransport (elevators, o sport (automatically descent decelerator	n element (gr cable cars, pr / controlled s…) Fundam	avitation, neumatic vehicles,
Teachin	ng takes the fo	rm of lectur	es, auditory, l	aboratory and	d compute	r practice classes.			
				Knowledge (evaluation	(maximum 100 points)			
	Pre-examina	ation obliga	tions	Mandatory	Points	Final ex	kam	Mandatory	Points
Exercise	e attendance	alon obliga		Yes		Oral part of the exam		Yes	70.00
Lecture	attendance			Yes	5.00				
Term pa	aper			Yes	20.00				
					Liter	ature			
Ord.	A	uthor			Title		Publishe	er	Year
1,	Vladić J.		Trans	portno manip	ulacioni si	stemi, (skripta)	FTN, Novi Sad		2006
2,	Vladić J.		Nepre	kidni i autom	atizovani t	ransport I deo (skripta)	FTN, Novi Sad		1999
3,	Vladić J.		Meha	nizacija i tehr	iologija pre	etovara	FTN, Novi Sad		2005
4,	Jevtić V.		Trans	portne mašin	е		Mašinski fakultet Ni	š	2001
5,	Tošić S.		Trans	portni uređaji			Mašinski fakultet Be	eograd	1990
6,	Vladić J.		Nepre	kidni i autom	atizovani t	ransport II deo (skripta)	FTN, Novi Sad		1999



UNIVERSITY OF NOVI SAD

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



Study Programme Accreditation

UNDERGRADUATE ACADEMIC STUDIES

Mechanization and Construction Engineering

Course	:				_				
Course	id:	M2409			Power	r and Motion Tra	ansmission		
Number	r of ECTS:	4							
Teache	r:	Ča	vić M. Ma	а					
Course	status:	Ele	ctive						
Number	r of active teac	hing classes (veekly)						
L	.ectures:	Practical clas	sses:	Other teachi	ng types:	Study resea	arch work:	Other cla	isses:
	2	1		1		0		0	
Precon	dition courses	-				•			
1. Educ	ational goal:								
Introduc	ce students to	specific mecha	nisms and	l improve skil	ls in kinen	natic and dynamic mecha	nism analysis.		
2. Educ	ational outcom	nes (acquired k	nowledge):					
	or application of the second sec		hanisms i	n practical pr	oblems as	s well as performing kiner	natic and dynamic ar	alysis of mee	chanisms
3. Cour	se content/stru	icture:							
planeta given k kinemat	ry-differential kinematic task tics and dynan	gears (geomet c. Freewheel i nics). Lever mo	ry, kinema nechanis echanisma	atics and dyna m. Mechanis s of complex s	amics). Th ms with structures	vith variable velocity ration ne dynamics of cam mech intermittent motion. Ana . Design of linkages for sm motion. Velocity regu	hanisms. Design of c alysis of Geneva me a given kinematic tas	am mechanis echanisms(g k. Reduced r	sms for a eometry,
	hing methods:			1			,	5	
	0	res, graphic an	d compute	er practical cla	asses, cor	nsultations.			
				Knowledge e	valuation	(maximum 100 points)			
	Pre-examina	ation obligation	5	Mandatory	Points	Final ex	kam	Mandatory	Points
Lecture	attendance			Yes		Final exam - part one		Yes	25.00
Present				Yes		Final exam - part two		Yes	25.00
Project	task			Yes		Practical part of the exan	n - tasks	Yes	20.00
					Liter	ature			
0		Nuthor			Title)	Publishe	r	
Ord.							Fakultet tehničkin n		Year
0ra. 1,	Zlokolica M., M.	Čavić M., Kos	^{tić} Meha	nika mašina			Sad	auka, Novi	Year 2005
	М.		wena	nika mašina s snage i kret	anja			auka, Novi	



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UNIVERSITY OF NOVI SAD

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



Study Programme Accreditation

UNDERGRADUATE ACADEMIC STUDIES

Mechanization and Construction Engineering

	:								
Course	id:	M2525				Mechanism	S		
Number	r of ECTS:	4							
Teache	r:		Čavić M. Ma	aja					
Course	status:		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	sses:
	2	1		1		0		0	
Precond	dition courses								
1. Educ	ational goal:								
Expand	ling knowledge	e in the field	of mechanis	sm and machir	ne theory.				
2. Educ	ational outcom	nes (acquire	d knowledge	e):					
Ability for	or analysis, de	signing and	construction	n of various typ	pes of med	chanisms in practical prot	plems and real condition	ions.	
3. Cour	se content/stru	ucture:							
Accomb	alv nossibility	movability a	and officience	v ofolanar and	d enatial n	achanisms Vector meth	ode of kinematic and	1 dynamic me	chaniem
analysis kinemat of freed fundam	s. Kinematic a tic and dynam lom. Reduced ental principle	and dynami ic mechanis mass and in s. Dynamic i	ic analysis m analysis. nertia mome	of mechanism Kinematic and nt. Reduced for	ns with kin d dynamic prce and n	nechanisms. Vector meth nematic group of higher analysis of spatial mech noment. Equation of move of machine facility behavi	class. Introduction anisms. Mechanisms ement mechanism. Fi	to matrix me with multiple	thods of degrees
analysis kinemat of freed fundam 4. Teac	s. Kinematic a tic and dynam lom. Reduced	and dynami ic mechanis mass and in s. Dynamic i	ic analysis m analysis. nertia mome model deve	of mechanism Kinematic and nt. Reduced fo lopment and e	ns with kind d dynamic brce and n valuation	nematic group of higher analysis of spatial mech noment. Equation of move	class. Introduction anisms. Mechanisms ement mechanism. Fi	to matrix me with multiple	thods of degrees
analysis kinemat of freed fundam 4. Teac	s. Kinematic a tic and dynam lom. Reduced ental principle hing methods:	and dynami ic mechanis mass and in s. Dynamic i	ic analysis m analysis. nertia mome model deve	of mechanism Kinematic and nt. Reduced fo lopment and e ses, consultat	ns with kind d dynamic prce and n valuation of ion.	nematic group of higher analysis of spatial mech noment. Equation of move of machine facility behavi	class. Introduction anisms. Mechanisms ement mechanism. Fi	to matrix me with multiple	thods of degrees
analysis kinemat of freed fundam 4. Teac	s. Kinematic a tic and dynam lom. Reduced ental principles hing methods: s, graphic and	and dynami ic mechanis mass and in s. Dynamic r computer p	ic analysis m analysis. nertia mome model devel ractical clas	of mechanism Kinematic and nt. Reduced fo lopment and e ses, consultati	ns with kind d dynamic prce and n valuation of ion.	nematic group of higher analysis of spatial mech noment. Equation of move	class. Introduction anisms. Mechanisms ement mechanism. Fr or.	to matrix me	thods of degrees
analysis kinemat of freed fundam 4. Teac Lecture	s. Kinematic a tic and dynam lom. Reduced ental principle hing methods:	and dynami ic mechanis mass and in s. Dynamic r computer p	ic analysis m analysis. nertia mome model devel ractical clas	of mechanism Kinematic and nt. Reduced fo lopment and e ses, consultat	ns with kind dynamic brce and n valuation ion. evaluation Points	mematic group of higher analysis of spatial mech moment. Equation of move of machine facility behavi	class. Introduction anisms. Mechanisms ement mechanism. Fr or.	to matrix me with multiple	ethods of degrees hanism –
analysis kinemat of freed fundam 4. Teac Lecture	s. Kinematic a tic and dynam lom. Reduced ental principles hing methods: s, graphic and Pre-examina attendance	and dynami ic mechanis mass and in s. Dynamic r computer p	ic analysis m analysis. nertia mome model devel ractical clas	of mechanism Kinematic and nt. Reduced fo lopment and e ses, consultati Knowledge e Mandatory	ns with kind dynamic brce and n valuation on. evaluation Points 5.00	nematic group of higher analysis of spatial mech noment. Equation of move of machine facility behavi (maximum 100 points) Final ex	class. Introduction anisms. Mechanisms ement mechanism. Fr or.	to matrix me with multiple riction in mec	ethods of degrees hanism – Points
analysis kinemat of freed fundam 4. Teac Lecture	s. Kinematic a tic and dynam lom. Reduced ental principles hing methods: s, graphic and Pre-examina attendance tation	and dynami ic mechanis mass and in s. Dynamic r computer p	ic analysis m analysis. nertia mome model devel ractical clas	of mechanism Kinematic and nt. Reduced fo lopment and e ses, consultati Knowledge e Mandatory Yes	ns with kind dynamic brce and n valuation on. evaluation Points 5.00 10.00	nematic group of higher analysis of spatial mech noment. Equation of move of machine facility behavi (maximum 100 points) Final ex Final exam - part one	class. Introduction anisms. Mechanisms ement mechanism. Fr or.	to matrix me with multiple riction in mec Mandatory Yes	Points 25.00
analysis kinemat of freed fundam 4. Teac Lecture Lecture Present	s. Kinematic a tic and dynam lom. Reduced ental principles hing methods: s, graphic and Pre-examina attendance tation	and dynami ic mechanis mass and in s. Dynamic r computer p	ic analysis m analysis. nertia mome model devel ractical clas	of mechanism Kinematic and nt. Reduced fo lopment and e ses, consultati Knowledge e Mandatory Yes Yes	ns with kind dynamic bree and n valuation of con. evaluation Points 5.00 10.00 15.00	nematic group of higher analysis of spatial mech noment. Equation of move of machine facility behavi (maximum 100 points) Final exam - part one Final exam - part two	class. Introduction anisms. Mechanisms ement mechanism. Fr or.	to matrix me with multiple riction in mec Mandatory Yes Yes	Points 25.00 25.00
analysis kinemat of freed fundam 4. Teac Lecture Lecture Present	s. Kinematic a tic and dynam iom. Reduced ental principles hing methods: s, graphic and Pre-examina attendance tation task	and dynami ic mechanis mass and in s. Dynamic i computer p ation obligati	ic analysis m analysis. hertia mome model devel ractical clas	of mechanism Kinematic and nt. Reduced fo lopment and e ses, consultati Knowledge e Mandatory Yes Yes	ns with kind dynamic bree and n valuation of con. evaluation Points 5.00 10.00 15.00	nematic group of higher analysis of spatial mech noment. Equation of move of machine facility behavi (maximum 100 points) Final ex Final exam - part one Final exam - part two Practical part of the exam ature	class. Introduction anisms. Mechanisms ement mechanism. Fr or.	to matrix me with multiple riction in mec Mandatory Yes Yes Yes	Points 25.00 25.00
analysis kinemat of freed fundam 4. Teac Lecture Present Project	s. Kinematic a tic and dynam iom. Reduced ental principle: hing methods: s, graphic and Pre-examina attendance tation task	and dynami ic mechanis mass and in s. Dynamic i computer p ation obligati	ic analysis m analysis. hertia mome model devel ractical clas	of mechanism Kinematic and nt. Reduced fo lopment and e ses, consultati Knowledge e Mandatory Yes Yes	ns with kind dynamic orce and n valuation of ion. evaluation Points 5.00 10.00 15.00 Liter	nematic group of higher analysis of spatial mech noment. Equation of move of machine facility behavi (maximum 100 points) Final ex Final exam - part one Final exam - part two Practical part of the exam ature	class. Introduction anisms. Mechanisms ement mechanism. Fr or. kam	to matrix me with multiple riction in mec Mandatory Yes Yes Yes	Points 25.00 20.00
analysis kinemat of freed fundam 4. Teac Lecture Present Project Ord.	s. Kinematic a tic and dynam iom. Reduced ental principles hing methods: s, graphic and Pre-examina attendance tation task A Zlokolica M,	and dynami ic mechanis mass and in s. Dynamic i computer p ation obligati	ic analysis m analysis. hertia mome model devel ractical clas ions	of mechanism Kinematic and nt. Reduced fo lopment and e ses, consultati Knowledge e Mandatory Yes Yes Yes anika mašina gn of Machinei	ns with kind dynamic proce and n valuation of ion. evaluation Points 5.00 10.00 15.00 Liter Title	nematic group of higher analysis of spatial mech noment. Equation of move of machine facility behavion (maximum 100 points) Final exam - part one Final exam - part two Practical part of the exam ature	class. Introduction anisms. Mechanisms ement mechanism. Fr or. cam n - tasks Publishe	to matrix me with multiple riction in mec Mandatory Yes Yes Yes	Points 25.00 20.00 Year
analysis kinemat of freed fundam 4. Teac Lecture Present Project Ord. 1,	s. Kinematic a tic and dynam iom. Reduced ental principles hing methods: s, graphic and Pre-examina attendance tation task A Zlokolica M, M.	and dynami ic mechanis mass and in s. Dynamic i computer p ation obligati	ic analysis m analysis. hertia mome model devel ractical clas ions	of mechanism Kinematic and nt. Reduced fo lopment and e ses, consultati Knowledge e Mandatory Yes Yes Yes anika mašina gn of Machinem nanism Design	ns with kind dynamic proce and n valuation of ion. evaluation Points 5.00 10.00 15.00 Liter Title	nematic group of higher analysis of spatial mech noment. Equation of move of machine facility behavi (maximum 100 points) Final ex Final exam - part one Final exam - part two Practical part of the exam ature	class. Introduction anisms. Mechanisms ement mechanism. Fr or. kam n - tasks Publishe FTn Novi Sad	to matrix me with multiple riction in mech Yes Yes Yes Yes	Points 25.00 20.00 Year 2005



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



Study Programme Accreditation

UNDERGRADUATE ACADEMIC STUDIES

Mechanization and Construction Engineering

Course	:								
Course	id:	M2405			War	ehouses and E	quipment		
Numbe	r of ECTS:	6							
Teache	r:		Georgijevi	ć S. Milosav					
Course	status:		Mandatory	1					
Numbe	r of active tead	hing classe	es (weekly)						
L	ectures:	Practical	classes:	Other teachi	ng types:	Study rese	arch work:	Other cla	sses:
	3	2	2	1		C		0	
Precon	dition courses	-		None		•	•		
1. Educ	ational goal:								
Student	ts gain knowle	dge about v	warehouses	and warehouse	e technolo	gy (machines, equipmen	t, etc) in the material	flow	
2. Educ	ational outcon	nes (acquire	ed knowled	ge):					
				oout warehouse zation in moder		gy as well as constructio uses.	n properties of the n	ecessary< ec	quipment,
3. Cour	se content/stru	icture:							
Pallet s Control telecon Commis equipm Wareho	of warehouse nmunications. ssioning, conc ent, automatic	epts, optim on of opera material, e	hines and e automation hization of p tion, flow of quipment a	equipment. Inpu n, flow of mater path and efficien f containers in a nd automation of	rial and in acy, impor	zones) formation. Hierarchical I tance of coding and mor and flow of information.) on. Warehouses with gra	itoring. Container ter	minals (mach	ines and
	hing methods:			,					
	0		uring the co	ourse. Practice o	lasses are	e auditory, in a laboratory	and with a computer		
				Knowledge e	evaluation	(maximum 100 points)			
	Pre-examina	ation obliga	tions	Mandatory	Points	Final e	xam	Mandatory	Points
	e attendance			Yes		Oral part of the exam		Yes	30.00
	attendance			Yes	5.00				
Present				Yes	10.00				
Project				Yes	50.00				
						ature			
Ord.		Nuthor			Title		Publishe	-	Year
<u>1,</u> 2.	Georgijević, Georgijević,			galna skladišta tovar kontenera	kniiga pr	ipremljena za štampu	Mala velika knjiga, I Autor	INONI 290	1995
Ζ,	Georgijević,		FIE	IOVAI NUITEITEIA	, ⊾ijiya pi	ipremijena za stampu			-



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UNIVERSITY OF NOVI SAD

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



Study Programme Accreditation

UNDERGRADUATE ACADEMIC STUDIES

Mechanization and Construction Engineering

	:								
Course	id:	M2408				Cranes			
Numbe	r of ECTS:	6							
Teache	r:		Šostakov S.	Rastislav					
Course	status:		Mandatory						
Numbe	r of active tead	ching classe	es (weekly)						
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	ational goal:								
Student	ts gain basic a	nd advance	ed knowledge	in the area of	machines	of interrupted transport,	elevators and means	s of floor trans	sport.
2. Educ	ational outcon	nes (acquire	ed knowledge):					
Readin	ess for indepe	ndent desig	n work work	and monitoring	g of exploi	tation of machines in this	area.		
3. Cour	se content/stru	ucture:							
mechar	nism, braking	system, cor	ntrol, regulati	on and autom		 rotation stand. Drive for nstruction – topology, loa 			
and oth simulat	ner types of c	operation in	vators. Mear	is of floor tra	ety device nsport. C	s. Manual, serial, bridge ontrol systems. Exploita software for crane des	, gantry, tower, arch ation, work safety a	, stacker, self	f-erecting
and oth simulat 4. Teac Lecture The exa	her types of c ion of crane hing methods: es, visits to cra	ranes. Elev operation in ane users. F sists of writi	vators. Mear n real life co Practice class ng and defer	is of floor tranditions. Cor	ety device nsport. Co nmercial s (A), calcula	s. Manual, serial, bridge ontrol systems. Exploita	, gantry, tower, arch ation, work safety a sign. and computer (C). In	, stacker, self nd testing. M dividual cons	f-erecting lodelling
and oth simulat 4. Teac Lecture The exa	ner types of c tion of crane thing methods: es, visits to cra amination cons	ranes. Elev operation in ane users. F sists of writi	vators. Mear n real life co Practice class ng and defer	is of floor tra nditions. Cor es: auditory (ce of and ind	ety device nsport. Co nmercial s A), calcula ividual pap	s. Manual, serial, bridge ontrol systems. Exploita software for crane des ation (N), laboratory (L) a	, gantry, tower, arch ation, work safety a sign. and computer (C). In	, stacker, self nd testing. M dividual cons	f-erecting lodelling
and oth simulat 4. Teac Lecture The exa	ner types of c tion of crane thing methods: es, visits to cra amination cons	eranes. Elev operation in ane users. F sists of writi examination	vators. Mear n real life co Practice class ng and defer .).	is of floor tra nditions. Cor es: auditory (ce of and ind	ety device nsport. Co nmercial s A), calcula ividual pap	s. Manual, serial, bridge ontrol systems. Exploita software for crane des ation (N), laboratory (L) a per and theoretical part o	, gantry, tower, arch ation, work safety a sign. and computer (C). In f the examination (w	, stacker, self nd testing. M dividual cons	f-erecting lodelling
and oth simulat 4. Teac Lecture The exa in the fo	her types of c tion of crane of thing methods: es, visits to cra amination cons form of partial e	eranes. Elev operation in ane users. F sists of writi examination	vators. Mear n real life co Practice class ng and defer .).	is of floor tranditions. Cor des: auditory (ce of and ind Knowledge e	ety device nsport. Conmercial s (A), calcula ividual paper evaluation Points	s. Manual, serial, bridge ontrol systems. Exploita software for crane des ation (N), laboratory (L) a ber and theoretical part o (maximum 100 points)	, gantry, tower, arch ation, work safety a sign. and computer (C). In f the examination (w	, stacker, self nd testing. M dividual cons hich can also	f-erecting lodelling be taken Points
and oth simulat 4. Teac Lecture The exa in the fo	her types of c cion of crane of thing methods: es, visits to cra amination cons orm of partial of Pre-examina	eranes. Elev operation in ane users. F sists of writi examination	vators. Mear n real life co Practice class ng and defer .).	is of floor tranditions. Cor des: auditory (des of and ind Knowledge e Mandatory	A), calcula ividual paper valuation 5.00	s. Manual, serial, bridge ontrol systems. Exploita software for crane des ation (N), laboratory (L) a ber and theoretical part o (maximum 100 points) Final ex	, gantry, tower, arch ation, work safety a sign. and computer (C). In f the examination (w	, stacker, self nd testing. M idividual cons hich can also Mandatory	f-erecting lodelling, sultations. be taken
and oth simulat 4. Teac Lecture The exa in the for Exercis Lecture Test	her types of c cion of crane of thing methods: es, visits to cra amination cons orm of partial of Pre-examinate e attendance	eranes. Elev operation in ane users. F sists of writi examination	vators. Mear n real life co Practice class ng and defer .).	s of floor tranditions. Cor es: auditory (ce of and ind Knowledge e Mandatory Yes	A), calcula ividual paper evaluation Points 5.00 5.00 10.00	s. Manual, serial, bridge ontrol systems. Exploita software for crane des ation (N), laboratory (L) a ber and theoretical part o (maximum 100 points) Final exam - part one	, gantry, tower, arch ation, work safety a sign. and computer (C). In f the examination (w	, stacker, self nd testing. M dividual cons hich can also Mandatory Yes	f-erecting lodelling be taken Points 20.00 20.00
and oth simulat 4. Teac Lecture The exa in the fo Exercis Lecture	her types of c cion of crane of thing methods: es, visits to cra amination cons orm of partial of Pre-examinate e attendance	eranes. Elev operation in ane users. F sists of writi examination	vators. Mear n real life co Practice class ng and defer .).	s of floor tranditions. Cor es: auditory (ce of and ind Knowledge e Mandatory Yes Yes	A), calcula ividual paper valuation Points 5.00 10.00 10.00	s. Manual, serial, bridge ontrol systems. Exploita software for crane des ation (N), laboratory (L) a ber and theoretical part o (maximum 100 points) Final exam - part one Final exam - part two Practical part of the exam	, gantry, tower, arch ation, work safety a sign. and computer (C). In f the examination (w	, stacker, self nd testing. M dividual cons hich can also Mandatory Yes Yes	f-erecting lodelling be taken Points 20.00 20.00
and oth simulat 4. Teac Lecture The exi in the for Exercis Lecture Test	her types of c cion of crane of thing methods: es, visits to cra amination cons orm of partial of Pre-examinate e attendance	eranes. Elev operation in ane users. F sists of writi examination	vators. Mear n real life co Practice class ng and defer .).	s of floor tranditions. Cor ees: auditory (ce of and ind Knowledge e Mandatory Yes Yes Yes Yes	A), calcula ividual paper evaluation Points 5.00 5.00 10.00	s. Manual, serial, bridge ontrol systems. Exploita software for crane des ation (N), laboratory (L) a ber and theoretical part o (maximum 100 points) Final exam - part one Final exam - part two Practical part of the exam	, gantry, tower, arch ation, work safety a sign. and computer (C). In f the examination (w	, stacker, self nd testing. M dividual cons hich can also Mandatory Yes Yes	f-erecting lodelling be taken Points 20.00 20.00
and oth simulat 4. Teac Lecture The exa in the for Exercis Lecture Test	her types of c cion of crane of thing methods: es, visits to cra amination cons form of partial of Pre-examinate attendance attendance	ane users. Flex ane users. F sists of writi examination ation obligat	vators. Mear n real life co Practice class ng and defer .).	s of floor tranditions. Cor ees: auditory (ce of and ind Knowledge e Mandatory Yes Yes Yes Yes	A), calcula ividual paper valuation Points 5.00 10.00 10.00	s. Manual, serial, bridge ontrol systems. Exploita software for crane des ation (N), laboratory (L) a ber and theoretical part o (maximum 100 points) Final exam - part one Final exam - part two Practical part of the exan ature	, gantry, tower, arch ation, work safety a sign. and computer (C). In f the examination (w	, stacker, self nd testing. M dividual cons hich can also Mandatory Yes Yes Yes Yes	f-erecting lodelling be taken Points 20.00 20.00
and oth simulat 4. Teac Lecture The exa in the fo Exercis Lecture Test Test Ord. 1,	her types of c ion of crane of thing methods: as, visits to cra amination com- orm of partial of Pre-examination Pre-examination e attendance attendance A D. Ostrić, S.	ane users. Fleve operation in ane users. F sists of writi examination ation obligat ation obligat	vators. Mear n real life co Practice class ng and defer). tions	s of floor tranditions. Cor nditions. Cor es: auditory (ce of and ind Knowledge e Mandatory Yes Yes Yes Yes Yes	A), calcula ividual paper evaluation Points 5.00 10.00 10.00 Litera Title	s. Manual, serial, bridge ontrol systems. Exploits software for crane des ation (N), laboratory (L) a ber and theoretical part o (maximum 100 points) Final exam - part one Final exam - part two Practical part of the exam ature	, gantry, tower, arch ation, work safety a sign. and computer (C). In f the examination (w cam	, stacker, self nd testing. M dividual cons hich can also Mandatory Yes Yes Yes Yes	f-erecting lodelling be taken Points 20.00 30.00 Year 2005
and oth simulat 4. Teac Lecture The exa in the fo Exercis Lecture Test Test Ord. 1, 2,	her types of c ion of crane of thing methods: es, visits to cra amination cons form of partial of Pre-examination e attendance attendance D. Ostrić, S. M. Scheffler,	ane users. Fleve operation in ane users. F sists of writi examination ation obligat ation obligat	vators. Mear n real life co Practice class ng and defer i). tions Dizali	is of floor tranditions. Cor des: auditory (ce of and ind Knowledge e Mandatory Yes Yes Yes Yes Yes Yes diagen der Fö	A), calcula ividual paper evaluation Points 5.00 10.00 10.00 Litera Title	s. Manual, serial, bridge ontrol systems. Exploits software for crane des ation (N), laboratory (L) a ber and theoretical part o (maximum 100 points) Final exam - part one Final exam - part two Practical part of the exam ature	, gantry, tower, arch ation, work safety a sign. and computer (C). In f the examination (w cam n - tasks Publishe Mašinski fakultet, E VEB Verlagtechnik	, stacker, self nd testing. M ndividual cons hich can also Mandatory Yes Yes Yes Yes Berin	f-erecting lodelling be taken Points 20.00 20.00 30.00 Year 2005 1982
and oth simulat 4. Teac Lecture The exa in the fo Exercis Lecture Test Test Ord. 1, 2, 3,	her types of c ion of crane of thing methods: es, visits to cra amination cons form of partial e Pre-examinate e attendance attendance D. Ostrić, S. M. Scheffler, G. Pajer,	Author	vators. Mear n real life co Practice class ng and defer)). tions Dizali Grund	s of floor tra nditions. Cor ees: auditory (ce of and ind Knowledge e Mandatory Yes Yes Yes Yes Yes Ce Ilagen der För tigförderer 1	A), calcula ividual paper evaluation Points 5.00 10.00 10.00 Litera Title	s. Manual, serial, bridge ontrol systems. Exploits software for crane des ation (N), laboratory (L) a ber and theoretical part o (maximum 100 points) Final exam - part one Final exam - part two Practical part of the exam ature	, gantry, tower, arch ation, work safety a sign. and computer (C). In f the examination (w cam n - tasks Publishe Mašinski fakultet, E VEB Verlagtechnik VEB Verlagtechnik	, stacker, self nd testing. M dividual cons hich can also Mandatory Yes Yes Yes Yes Berlin Berlin Berlin	f-erecting lodelling be taken Points 20.00 20.00 30.00 Year 2005 1982 1989
and oth simulat 4. Teac Lecture The exa in the fo Exercis Lecture Test Test Ord. 1, 2,	her types of c ion of crane of thing methods: es, visits to cra amination cons form of partial of Pre-examination e attendance attendance D. Ostrić, S. M. Scheffler,	Author	vators. Mear n real life co Practice class ng and defer)). tions Dizali Grund Unster Unster	is of floor tranditions. Cor des: auditory (ce of and ind Knowledge e Mandatory Yes Yes Yes Yes Yes Yes diagen der Fö	A), calcula ividual paper evaluation Points 5.00 10.00 10.00 Litera Title	s. Manual, serial, bridge ontrol systems. Exploits software for crane des ation (N), laboratory (L) a ber and theoretical part o (maximum 100 points) Final exam - part one Final exam - part two Practical part of the exam ature	, gantry, tower, arch ation, work safety a sign. and computer (C). In f the examination (w cam n - tasks Publishe Mašinski fakultet, E VEB Verlagtechnik	, stacker, self nd testing. M dividual cons hich can also Mandatory Yes Yes Yes Yes Berlin Berlin Berlin	F-erecting todelling, be taken Points 20.00 20.00 30.00 Year 2005 1982



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



Study Programme Accreditation

UNDERGRADUATE ACADEMIC STUDIES

Mechanization and Construction Engineering

	:					_		_	
Course	id:	M2507		Metho	ds of e	experimental tes	sting of mach	ines	
Numbe	r of ECTS:	6							
Teache	ers:		Šostakov	S. Rastislav, Zu	ber F. Nind	oslav			
Course	status:		Mandator	у					
Numbe	r of active teac	hing classe	es (weekly))					
L	ectures:	Practical	classes:	Other teachi	ng types:	Study resea	arch work:	Other clas	sses:
	3	()	3		0		0	
Precon	dition courses	•		None		•			
1. Educ	ational goal:								
Acquisi	tion of in-depth	n knowledg	e of experir	mental testing ar	nd analysis	of machines.			
2. Educ	ational outcom	nes (acquire	ed knowled	lge):					
of stre		tate deteri				imental investigation of n investigation of opera			
	0								
Applica gauge	on test objec	auges. Stro t. Wheats	ton bridge	e. Measuremen	t amplifie	inciple of operation. Sele rs. Software for analys	sis (HBM Catman).	Signal types	s. Signa
Applica gauge represe functior analysi	tion of strain g on test objec entation in time n. Digital signal s, experimenta	auges. Stro et. Wheats and freque I processin al modal a	ton bridge ency domai g and error nalysis. Po	e. Measuremen ins. Fourier trans rs. Vibration of re ortable and stati	t amplifie sform. Syst otating mad		sis (HBM Catman). and response), transf order tracking, relativ	Signal types er function, co e phase anal	s. Signa oherenc ysis, orl
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FACULTY OF TECHNICAL SCIENCES 21000 NOVI SAD, TRG DOSITEJA OBRADOVIĆA 6



Study Programme Accreditation

UNDERGRADUATE ACADEMIC STUDIES

Mechanization and Construction Engineering

Course:							
Course id:	M4I04				Bachelor Thesis		
Number of ECTS:	7						
Teachers:							
Course status:		Mandatory					
Number of active tead	hing classe	es (weekly)					
Lectures:	Practical	classes:	Other teachi	ng types:	Study research work:	Other cla	asses:
0	()	0		0	7	
Precondition courses			None				
1. Educational goal:							
Treba skratiti prevod!!	!						
2. Educational outcom	nes (acquire	ed knowledge)):				
structure of the set pro using the literature, s problems. By individu in their professional fi solving problems in th	oblem and tudents ex ally researd ield. By ela neir profess nted by the	approach the pand their kno ching and solv borating the E ional field. By	systematic a owledge in th ring tasks in t Bachelor thes preparing th	nalysis to o ne selecte the given a sis, studen e results fo	d knowledge in diverse fields being studied in draw conclusions on possible directions of its 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 p	solving. By in eses related plexity of the oplied in prac n answering o	dividually to similar problems tice while questions
3. Course content/stru	ucture:						
student, in agreemen Technical Sciences. T with the prescribed st	t with the n The student andards. S	nentor, complet t prepares and student resear	etes the final d defends the ches the pro	thesis in t written fir fessional l	ds and the area enclosed within the set task the written form in accordance with the regula hal thesis in public, in agreement with the mer iterature, specialization and final thesis dealin efined in the task of the final thesis.	ations of the F ntor and in ac	Faculty of cordance
4. Teaching methods:							
within the set task de instructions to the stu theoretical part of the related to the topic of surveying and the like	efined in th udent, direct final thesi the Bache e, if it is pre	e task of the l ct to certain lif s, student has lor thesis. Wit edicted by the	Bachelor the terature and s consultatior hin the set to final thesis ta	sis. During additional ns with the ppic, if nee ask. Stude	sents it to the student. Student is obliged to ela g the elaboration of the final thesis, mentor of ly direct in order to have a more qualitative f ementor, and if needed, with other teachers of ded, student can conduct certain measuring, int completes the final thesis and on obtaining ne committee. The defence of the Bachelor th	can provide a final thesis. V dealing with t researching, g the agreem	additional Within the the topics counting, ent of the
			Knowledge	evaluation	(maximum 100 points)		
Pre-examina	5		Mandatory	Points	Final exam	Mandatory	Points
Writing the final paper	with theor	etic basis	Yes	50.00	Final exam defence	Yes	50.00



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



Study Programme Accreditation

UNDERGRADUATE ACADEMIC STUDIES

Mechanization and Construction Engineering

	:										
Course	id:	- HE2465	j N	Mechatroni	cs of Tr	ransport and C	Construction N	Machines	3		
Number	r of ECTS:	6									
Teache	r:		Marčetić	P. Darko							
Course	status:		Elective								
Number	r of active tead	ching classe	es (weekly))							
	.ectures:	1	classes:	Other teachi	ng types:	Study resea	arch work:	Other cla	sses:		
	3	2	2	1		0		0			
Precon	dition courses	•		None		•					
1. Educ	ational goal:			4							
Student	ts acquire basi	ic knowledg	je about m	odern systems o	f transfer of	power and control with	transport and constr	uction machin	es.		
2. Educ	ational outcon	nes (acquire	ed knowled	dge):							
Hydrost	tatic systems f	or transfer	of power w	vith electronic cor	ntrol, system	is of automatic control o	of construction machi	nes and plant	s.		
3. Cours	se content/stru	ucture:									
identific	ation, coding	and labeling	g. Basic co	ontrol and functio	nal and con	systems and constru- struction characteristic	s of devices for conti	nuous transpo	ort. Basic		
identific control reload transpo Regulat cards. constru	ation, coding and functional work. Automa ort unit – pack tion of hydro Control of sta uction machin	and labeling and constr ated transp king and pa component ationary sy es and pla	g. Basic co ruction cha ort. Flexib alette form is and hyd ystems an	ontrol and functio iracteristics of de le transport and ing. Measureme ro systems. Loa	nal and con vices for inte manipulation nt, weighin d - sensing	struction characteristic errupted transport. Mec on systems and devic	s of devices for conti chanization and autor es. Automated trans Proportional hydrau	nuous transpo nation of trans sport lines. Fo lics. Electroni	ort. Basic sport and orming a c control		
identific control a reload transpo Regulat cards. construe 4. Teac	eation, coding and functional work. Automa ort unit – pack tion of hydro Control of sta uction machin thing methods: es. Auditory an	and labeling and constr ited transp king and pa component ationary sy es and pla	g. Basic cc uction cha ort. Flexib alette form is and hyd vstems an- ants.	ontrol and functio racteristics of de le transport and ing. Measureme ro systems. Loa d mobile machi	nal and con vices for inte manipulation t, weighin d - sensing nes with pr	struction characteristic errupted transport. Mec on systems and devic g and dosage. regulation of pumps.	s of devices for conti chanization and autor es. Automated trans Proportional hydrau transfer of power.	nuous transpo nation of trans sport lines. Fo lics. Electroni Automatic c	ort. Basic sport and orming a c control ontrol of		
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identific control a reload o transpo Regular cards. constru 4. Teac Lecture semester Exercise Lecture	eation, coding and functional work. Automa ort unit – pack tion of hydro Control of sta uction machin ching methods: es. Auditory an er. Pre-examina e attendance	and labeling and constr ted transp ting and pa component ationary sy es and pla d laborator	g. Basic cc ruction cha ort. Flexib alette form is and hyd rstems an ants.	ontrol and functio racteristics of de le transport and ing. Measureme ro systems. Loa d mobile machi classes. Studen Knowledge e Mandatory Yes Yes	nal and con vices for inte manipulation d - sensing nes with pr ts can active evaluation (n Points 5.00 5.00 10.00 10.00	struction characteristic errupted transport. Meco on systems and devic g and dosage. regulation of pumps. oportional hydrostatic ely participate in the cla naximum 100 points) Final ex	s of devices for conti thanization and autor es. Automated trans Proportional hydrau transfer of power.	nuous transpornation of transport lines. For lines. For lines, For	ort. Basic sport and orming a c control ontrol of uring the Points		
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FACULTY OF TECHNICAL SCIENCES 21000 NOVI SAD, TRG DOSITEJA OBRADOVIĆA 6



Study Programme Accreditation

UNDERGRADUATE ACADEMIC STUDIES

Mechanization and Construction Engineering

Course		_			-				
500130	id:	M2419			F	Product Develop	oment		
Number	r of ECTS:	6							
Teacher	r:		Kuzmano	vić B. Siniša					
Course	status:		Elective						
Number	r of active teac	hing classe	es (weekly))					
L	ectures:	Practical	classes:	Other teachi	ng types:	Study rese	arch work:	Other cla	sses:
	3	2	2	1		0		0	
Precond	dition courses			None					
1 Educ:	ational goal:								
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2 Educ	ational outcom	nes (acquire	ed knowled	lae).					
the effect	cts of physical ods that are u	l form, sha	pe constru	ction design and	verify it w	evelopment project, mod vith the performance asp nethodological approach	ect of the basic functi	ions, master a	a number
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FACULTY OF TECHNICAL SCIENCES 21000 NOVI SAD, TRG DOSITEJA OBRADOVIĆA 6



Study Programme Accreditation

UNDERGRADUATE ACADEMIC STUDIES

Mechanization and Construction Engineering

	:							_	
Course	id:	M2418		Mech	atronio	cs of Motors and	d Road Vehic	les	
Numbe	r of ECTS:	6							
Teache	r:	Ī	Klinar J. Iv	an					
Course	status:		Elective						
Numbe	r of active tead	ching classe	s (weekly)						
L	ectures:	Practical	classes:	Other teachi	ng types:	Study rese	arch work:	Other cla	sses:
	3	0		3		0		0	
Precon	dition courses	•		None		•			
1. Educ	ational goal:			<u>_</u>					
	U	dge about th	ne configura	ations and funct	tioning of 1	modern mechatronic syst	ems of motors and ro	ad motor vehi	icles
2. Educ	ational outcon	nes (acquire	d knowledg	je):					
system	s of motor ve	hicles.				ctions related to diagnomic development of new m	· · · ·		
3. Cour	se content/stru	ucture:				-			
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emissio mechai transm	n – catalysts, nical switch, a ission (autom	lambda prot and transist atic gear), s	be, etc. Aut tor contact suspensior	o diagnostics o less system, n (active suspe	f IC engine capaptiitv ension an	ems for fuel supply of die es. Mechatronic ignition s re (tyristor). Mechatronic d control systems (ESP tion, etc. Other mechati	ystem of otto engine: c in breaking system , drive by wire). Meo	transistor sys ns (ABS, SB chatronic sys	stem with C, BAS),
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Standard 06.	Programme Quality, Contemporaneity and International Compliance	
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FACULTY OF TECHNICAL SCIENCES 21000 NOVI SAD, TRG DOSITEJA OBRADOVIĆA 6

Study Programme Accreditation

UNDERGRADUATE ACADEMIC STUDIES

Mechanization and Construction Engineering

Standard 07. Student Enrollment

The Faculty of Technical Sciences, in accordance with social demands and its resources, enrols to undergraduate academic studies of Mechanization and Construction Engineering on budget funded and self funded studies a certain number of students defined each year by the special decision of the Educational and Scientific Council of the Faculty of Technical Sciences. The selection and enrolment of the applied candidates is based on their success during the previous education and entrance examination as defined by the Book of Rules on Enrolment of Students to Study Programmes.

Students from other study programmes and persons who have completed studies can enrol into this study programme. The committee for evaluation (formed by all department heads participating in the realization of the study programme) evaluates all the verified activities of the prospective candidates and accepts the number of credits achieved and on that basis determines the year of studies the candidate can enrol to. The previously passed exam activities can be accepted completely, partially (the committee can require a suitable addition) or can be considered inadequate.



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

Study Programme Accreditation

UNDERGRADUATE ACADEMIC STUDIES

Mechanization and Construction Engineering



Standard 08. Student Evaluation and Progress

The final grade in each course included in this programme is formed by continual monitoring of students` accomplishments throughout the academic year and by passing the final examination.

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 within the programme is worth a certain number of ECTS credits which students obtain by successfully passing the course examination. The number of ECTS credits is based on the work load of students in masterin a certain subject and on the Faculty of Technical Sciences` unique methodology for all study programmes. Students` success in mastering a certain course is constantly monitored during classes and is expressed in points. The maximum number of points obtained in a course is 100.

Students obtain points from a course through their work during classes, completion of the pre exam duties and taking the examination. The minimal number of points a student can obtain by fulfilling the course pre exam assignments during classes is 30, the maximum 70.

Each course at the study programme has a clear and transparent mode of obtaining points. The ways of obtaining points during the classes includes the number of points obtained on the basis of each individual activity during the classes or completing pre exam assignments and by passing the course examination.

The final success of students at a course is presented with a grade from 5 (fail) to 10 (excellent). The student's grade is based on the overall number of points obtained by fulfilling pre exam duties and taking the examination, and in accordance with the quality of acquired knowledge and skills.

For students to be able to take a course examination, they have to obtain at least 15 ECTS of the overall number of points through pre exam duties during the semester. Additional requirements for taking the examination are defined separately for every course.

Student advancement during the studies is defined by the Rule book on postgraduate academic studies.



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

Study Programme Accreditation

UNDERGRADUATE ACADEMIC STUDIES

Mechanization and Construction Engineering

Standard 09. Teaching Staff

For the realization of the Mechanization and Construction Engineering study programme, there is the faculty staff with necessary scientific and professional qualifications.

The number of teachers is adequate to the needs of the study programme and depends on the number of subjects and the number of classes for those subjects. The total number of staff members is adequate for the total number of classes at the study programme, so that a teacher has an average of 180 classes of active classes (lectures, consultations, tutorials, practice classes, etc.) a year, i.e. 6 classes a week. Of the total number of teachers all 100% are employed full time.

The number of assistants is adequate for the needs of the study programme. The total number of assistants at the study programme is adequate to cover total number o classes so that the assistants have an average of 300 hours of active classes a year, i.e. 10 classes a week.

The scientific and professional qualifications of the teaching staff are adequate for the educational and scientific field and the level of their duties. Each teacher has at least five references in the scientific or professional field taught at the study programme.

The size of the group for lecture classes is up to 180 students, for practice classes up to 60 students and for laboratory practice up to 20 students.

None of the teacher has more than 12 hours of classes a week. All information regarding the teaching staff and assistants (CV, appointments, references) are available to public.



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



Study Programme Accreditation

UNDERGRADUATE ACADEMIC STUDIES

Mechanization and Construction Engineering

Nam	e and last n	ame.			Adžić Z. Neve	nka	
Name and last name: Academic title:					Full Professor		
				achor works full time and			
					15.09.1978		
	ntific or art f	ield:			Mathematics		
Acad	emic caries	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	es	•
	ID	Course name				Study pro	ogramme name, study type
1.	E121	Mathe	matical Ana	alysis 2			er, Electronic and Telecommunication g, Undergraduate Academic Studies
	E004 A	Moth-	motion! Area				nputing and Control Engineering, Undergraduate
2.	E221A	watrie	matical Ana	11y515 Z			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, luate Academic Studies	
4.	M106	Matho	matics 2			(M30) Energy and Process Engineering, Undergraduate Academic Studies	
4.	MITOO	Mathematics 2				(M40) Technical Mechanics and Technical Design, Undergraduate Academic Studies	
						(P00)Proo Studies	duction Engineering, Undergraduate Academic
5.	S017	Mathe	matics 2			(S00) Traf Academic	ffic and Transport Engineering, Undergraduate Studies
0.	0011	matrio				Undergrad	tal Traffic and Telecommunications, uate Academic Studies
6.	S0213	Mathe	matical Sta	tistics		Academic	
						Undergrad	tal Traffic and Telecommunications, uate Academic Studies
						(ZC0) Clea	ety at Work, Undergraduate Academic Studies an Energy Technologies, Undergraduate
7.	Z104	Mathe	matics 1			Academic	
						Undergrad	uate Academic Studies ronmental Engineering, Undergraduate Academic
						Studies	
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			ver, Electronic and Telecommunication g, Undergraduate Academic Studies
						(110) Indus Studies	strial Engineering, Undergraduate Academic
11.	IM1012	Probat	bility and St	atistics		(I20) Engi 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

List of co	ourses b	eing held by the teacher in the accredited study programme	es			
ID	C	Course name	Study programme name, study type			
12. 11	IM1523	Discrete Mathematics	(M30) Energy and Process Engineering, Undergraduate Academic Studies			
12. 11	101020		(I20) Engineering Management, Undergraduate Academic Studies			
13.	P216	Numerical Analysis	(P00) Production Engineering, Undergraduate Academic Studies			
14. (0M517	Numerical Analysis	(OM1) Mathematics in Engineering, Master Academic Studies			
15. 01)ML517	Numerical Analysis	(OM1) Mathematics in Engineering, Master Academic Studies			
			(E11) Power, Electronic and Telecommunication Engineering, Specialised Academic Studies			
			(112) Industrial Engineering, Specialised Academic Studies			
16. DZ	Z01MS	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			
	DZ01M		(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. C		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			
-	AID06	Graph theory	(F20) Engineering Animation, Doctoral Academic Studies			
Repres	sentative	refferences (minimum 5, not more than 10)				
1. N	N. Adzic,	On the spectral solution for boundary value problem, ZAMN	И 70,(1990) 6, Т647-Т649.			
^{2.} m	nathema	tics, Vol.39, (1991) 229-238.	gular perturbation problems, International journal of computer			
IN	N. Adzie: Modified hermite polynomials in the spectral approximation for boundary layer problems. Bulletin of the Australian					
^{. э.} т	nathema	tical society, Vol.45, (1992) 267-276.<\eng>				
^{. э.} т	nathema		/M72(1992)6, T621-T624.			
^{3.} m 4. N	nathema N. Adzic:	tical society, Vol.45, (1992) 267-276.<\eng>				
3. m 4. N 5. N	nathema N. Adzic: N. Adzic:	tical society, Vol.45, (1992) 267-276.<\eng> Spectral approximation for single turing point problem, ZAN	ed problems, ZAMM73(1993) 7/8, T868-T871.			
5. m 4. N 5. N 6. N	nathema N. Adzic: N. Adzic: N. Adzic: N. Adzic;	tical society, Vol.45, (1992) 267-276.<\eng> Spectral approximation for single turing point problem, ZAN Nonclassical orthogonal polynomials and singularly perturb	ed problems, ZAMM73(1993) 7/8, T868-T871. ary layer problems, ZAMM74(1994)6, T-553-T555.			
3. m 4. N 5. N 6. N 7. N (1)	mathema N. Adzic: N. Adzic: N. Adzic: N. Adzic, 1998), S	tical society, Vol.45, (1992) 267-276.<\eng> Spectral approximation for single turing point problem, ZAN Nonclassical orthogonal polynomials and singularly perturb Spectral approximation and asymptotic behaviour of bound Z. Uzelac: A combination of spline and spectral approximat	ed problems, ZAMM73(1993) 7/8, T868-T871. lary layer problems, ZAMM74(1994)6, T-553-T555. ion for a class of singularly perturbed problems, ZAMM78			
3. m 4. N 5. N 6. N 7. N (1 8. Z. 9 N	mathema N. Adzic: N. Adzic: N. Adzic: N. Adzic, 1998), S Z. Uzelac	tical society, Vol.45, (1992) 267-276.<\eng> Spectral approximation for single turing point problem, ZAN Nonclassical orthogonal polynomials and singularly perturb Spectral approximation and asymptotic behaviour of bound Z. Uzelac: A combination of spline and spectral approximat 853-S854 e, N. Adzic: The Approximate Solution for Problems with Nor	ed problems, ZAMM73(1993) 7/8, T868-T871. lary layer problems, ZAMM74(1994)6, T-553-T555. ion for a class of singularly perturbed problems, ZAMM78			



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

Study Programme Accreditation

Mechanization and Construction Engineering

UNDERGRADUATE ACADEMIC STUDIES

Summary data for teacher's scientific of art and professional 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

Mechanization and Construction Engineering

				•				
-	Name and last name: Academic title:					Baloš S. Sebastian		
						Assistant Professor Faculty of Technical Sciences - Novi Sad		
						cnnical Scie	nces - Novi Sad	
starting date: Scientific or art field:					01.04.2001 Material Science and Engineering Materials			
	lemic caries		Year	Institution	Material Oole		Field	
	lemic title el		2011	Faculty of Technical Sci	ences - Novi S	ad	Material Science and Engineering Materials	
	thesis		2010	Faculty of Technical Sci			Material Science and Engineering Materials	
	ster thesis		2009	Faculty of Technical Sci			Material Science and Engineering Materials	
	elor's thesis	s	2000	Faculty of Technical Sci			Material Science and Engineering Materials	
List	of courses b	eina he		acher in the accredited stu				
		onig no			aaj programme			
	ID	Course	e name			Study pro	gramme name, study type	
1.	P206	Weldir	ng Technolo	ogy		(P00)Proo Studies	duction Engineering, Undergraduate Academic	
2.	P2406	Compo	osite Materi	als		(P00) Prod Studies	duction Engineering, Undergraduate Academic	
3.	P2409	Moder	n Joining T	echnologies - 1		(P00) Proo Studies	duction Engineering, Undergraduate Academic	
4.	P2409A	Moder	n Joining T	echnologies - 2		(P00) Proo Studies	duction Engineering, Undergraduate Academic	
5.	P4406	Joining Technology of Modern Materials				(P00) Production Engineering, Undergraduate Academic Studies		
6.	II1001	Engineering materials				(110) Industrial Engineering, Undergraduate Academic Studies		
7.	M2062	Mechanical engineering technologies 2				(M20) Mechanization and Construction Engineering, Undergraduate Academic Studies (M40) Technical Mechanics and Technical Design,		
						Undergraduate Academic Studies (M30) Energy and Process Engineering, Undergraduate		
8.	M3203	Technology of machinery				Academic Studies		
						(MR0) Measurement and Control Engineering, Undergraduate Academic Studies		
9.	ZC003	Electro	omechanica	I materials			(ZC0) Clean Energy Technologies, Undergraduate	
						Academic Studies		
10.	P2501	Proces	ss Design ir	NWelding Technology		(PM0) Production Engineering, Master Academic Studies		
11.	BMIM4G	Bioma	terials			(BM0) Biomedical Engineering, Master Academic Studies		
12.	PPI106	Joining	g technolog	ies in precision engineerir	ng	(PM0) Production Engineering, Master Academic Studies		
13.	PTS01		ology of sin	0		(PM0)Pro	duction Engineering, Master Academic Studies	
14.	DP001	Desigr Engine		arch Methods in Production	on	(M00) Me	chanical Engineering, Doctoral Academic Studies	
15.	SAP002		eering Mate	rials		(M00) Me	chanical Engineering, Doctoral Academic Studies	
16.	DP023		-	ies - selected topics		(M00) Mechanical Engineering, Doctoral Academic Stu (M00) Mechanical Engineering, Doctoral Academic Stu		
17.	DP024			gy - selected topics		<u>`</u>	chanical Engineering, Doctoral Academic Studies	
18.	DP025	Mater	ials Corrosi	on and Protection		<u>, </u>	chanical Engineering, Doctoral Academic Studies	
Rep	oresentative	e reffere	nces (minin	num 5, not more than 10)				
1.	Baloš S.,	Šiđanir	n (Sidjanin)	,			- impacted by armour-piercing incendiary 69	
2.		Arlan B	3., Alan P.:				s Characterization, 2009, Vol. 60, No 4, pp. 271-	
3.	Baloš S.,	Šiđanir	n (Sidjanin)	L.: Microdeformation of s 487, ISSN 0924-0136	oft particles in	metal matrix	composites, Journal of Materials Processing	
4.	Baloš S.,	Arlan B	., Alan P.:		es from Serbia,	Microscopy	v and microanalysis, 2007, Vol. 13, No	
5.	Baloš S.,	Grabul	ov V., Šiđar	nin (Sidjanin) L., Pantić M.	: Wire fence a	s applique a	rmor, Materials and Design, 2010, Vol. 31, pp.	
5.	1293-1301, ISSN 0261-3069							

STATUS STATUS	TAS STUDIOR	UNIVERSITY OF NOVI SAD FACULTY OF TECHNICAL SCIENCES 21000 NOVI SAD, TRG DOSITEJA OBRADOVIĆA 6						
n. NEO	ANTEN S	Study F	DN Construction Engineering	Hold				
Rep	presentative re	efferences (minimum 5, not more th	an 10)					
6.	Baloš S., Grabulov V., Šiđanin (Sidjanin) L., Pantić M., Radisavljevic I.: Geometry, mechanical properties and mounting of perforated plates for ballistic application, Materials and Design, 2010, Vol. 31, pp. 2916-2924, ISSN 0261-3069							
7.	Vrač D., Šiđanin (Sidjanin) L., Kovač P., Baloš S.: The influence of hohning process parameters on surface quality, productivity, cutting angle and coefficients of friction, Industrial Lubrication and Tribology, 2012, Vol. 64, No 2, pp. 77-83, ISSN 0036-8792							
8.		., Jovalekić Č., Sekulić D., Slankan ured Spinel NiFe2O4 Obtained by S						
9.		fanin (Sidjanin) L., Baloš S.: Mecha gy, 2011, Vol. 63, No 6, pp. 427-43		cutting regimes a	and surface texture, Industri	al Lubrication		
10.		alos T., Šiđanin (Sidjanin) L., Marko energy, Materiale Plastice, 2011, V				s treated by		
Sur	mmary data fo	r teacher's scientific or art and profe	essional activity:					
Quot	tation total :		15					
Tota	l of SCI(SSCI)	list papers :	13					
Curre	ent projects :		Domestic :	2	International :	0		



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



Study Programme Accreditation

UNDERGRADUATE ACADEMIC STUDIES

Mechanization and Construction Engineering

Nam	o and last n	amo.			Berić B. Andr	ijana		
Academic title:					Lecturer			
Name of the institution where the teacher works full time and								
starting date:					04.11.2004			
Scientific or art field:					German			
Acad	lemic caries	er	Year	Institution			Field	
Acad	lemic title e	ection:	2010	Faculty of Technical Sci	ences - Novi S	ad	German	
Mast	er's thesis		2009	Faculty of Philology - Be	ograd		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	
						` ´´	nitecture, Undergraduate Academic Studies enic Architecture, Technique and Design,	
							uate Academic Studies	
						(F00) Gra	phic Engineering and Design, Undergraduate Studies	
3.	NJ01Z	Germa	an Languag	e – Elementary			ety at Work, Undergraduate Academic Studies	
						(ZC0) Clean Energy Technologies, Undergraduate Academic Studies		
						(ZP0) Disaster Risk Management and Fire Safety, Undergraduate Academic Studies		
						(Z20) Envir Studies	ronmental Engineering, Undergraduate Academic	
						(F00) Graj Academic	phic Engineering and Design, Undergraduate Studies	
						(G00) Civi	I Engineering, Undergraduate Academic Studies	
							chanization and Construction Engineering, uate Academic Studies	
						(M30) Ene Academic	ergy and Process Engineering, Undergraduate Studies	
							nnical Mechanics and Technical Design, uate Academic Studies	
4.	NJ02L	Germa		e – Pre-Intermediate		(P00) Proo Studies	duction Engineering, Undergraduate Academic	
	NJUZE	Cenne				(S00) Traf Academic	fic and Transport Engineering, Undergraduate Studies	
							tal Traffic and Telecommunications, uate Academic Studies	
						(Z01) Safe	ety 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	



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



Study Programme Accreditation

UNDERGRADUATE ACADEMIC STUDIES

List c	of courses b	eing held by the teacher in the accredited study programme	es
	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 Academic Studies
10.	NJT1	German Language for Engineers 1	(S01) Postal Traffic and Telecommunications, 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	NIOOL	Cormon Languago - Dra Intermediata	(I10) Industrial Engineering, Undergraduate Academic Studies
17.	NJ02L	German Language – Pre-Intermediate	(I20) Engineering Management, Undergraduate Academic Studies
10		Cormon for Specific Durnesses	(110) Industrial Engineering, Undergraduate Academic Studies
18.	NJIIM	German for Specific Purposes	(I20) Engineering Management, Undergraduate Academic Studies

ANSI A	AS STUDIO	FACULTY OF TECHNICAL SCI	UNIVERSITY OF NOVI SAD FACULTY OF TECHNICAL SCIENCES 21000 NOVI SAD, TRG DOSITEJA OBRADOVIĆA 6					
NO. NE		Study F	Study Programme Accreditation					
1	LANTER	UNDERGRADUATE ACADEMIC	Ho					
List c	of courses b	eing held by the teacher in the accred	dited study programme	s				
	ID	Course name		Study program	me 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 Academic Studies				
Rep	oresentative	refferences (minimum 5, not more th	an 10)					
1.	Prevod: Ir	novacije i trendovi u proizvodnji alatni	h mašina					
2.	Prevod: Ir	nženjerstvo mehatroničnih sistema						
3.	Prevodi z	a Pro Elektro (u toku)						
4.	Prevod: A Umgebun	rbeitszenarien und Optimierung von g (u toku)	Abläufen und Steueru	ng von selbstorga	anisierenden Bionic Assemb	bly System in CIM		
Sur	nmary data	for teacher's scientific or art and profe	essional activity:					
Quot	ation total :		0					
Total	of SCI(SSC	CI) list papers :	0		i			
Curre	ent projects	:	Domestic :	0	International :	0		



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



Study Programme Accreditation

UNDERGRADUATE ACADEMIC STUDIES

Mechanization and Construction Engineering

Acade		ame:				10000		
	Name and last name: Academic title:					Bogdanović Ž. Vesna Senior Lecturer		
Name of the institution where the teacher works full time and starting date:					15.12.1999			
	Scientific or art field:					15.12.1999 English		
	Academic carieer Year Institution					Field		
	emic title el		2009	Faculty of Technical Sci	ences - Novi Sa	ad	English	
	ster thesis		2007	Faculty of Philosophy - I			English	
	elor's thesis	3	1999	Faculty of Philosophy - I			English	
List o	f courses b	eing hel	d by the tea	acher in the accredited stu		S		
	ID	-	e name				gramme name, study type	
1.	AEJ1L	English	n Language	- Elementary		(A00) Arch	nitecture, Undergraduate Academic Studies	
2.	AEJ2L	English	n Language	intermediate		(A00) Arch	nitecture, Undergraduate Academic Studies	
3.	AEJ2Z	English	n intermedia	ate		(A00) Arch	nitecture, Undergraduate Academic Studies	
4.	AEJ3Z	English	n Language	- upper intermediate		(A00) Arch	nitecture, Undergraduate Academic Studies	
							I Engineering, Undergraduate Academic Studies	
						Undergrad	chanization and Construction Engineering, uate Academic Studies	
						(M30) Ene Academic	ergy and Process Engineering, Undergraduate Studies	
5.	EJ01L	English Language – Elementary					nnical Mechanics and Technical Design, uate Academic Studies	
						(P00) Production Engineering, Undergraduate Academic Studies		
						(S00) Traffic and Transport Engineering, Undergraduate Academic Studies		
							tal Traffic and Telecommunications, uate Academic Studies	
						(E10) Power, Electronic and Telecommunication Engineering, Undergraduate Academic Studies		
						(F00) Graphic Engineering and Design, Undergraduate Academic Studies		
						(MR0) Measurement and Control Engineering, Undergraduate Academic Studies		
6.	EJ01Z	English	n Language	- Elementary		(Z01) Safety at Work, Undergraduate Academic Studies		
						(ZC0) Clea	an Energy Technologies, Undergraduate Studies	
						(ZP0) Disaster Risk Management and Fire Safety, Undergraduate Academic Studies		
						(Z20) Environmental Engineering, Undergraduate Academic Studies		
							ver, Electronic and Telecommunication g, Undergraduate Academic Studies	
						(F00) Graphic Engineering and Design, Undergraduate Academic Studies		
						(M20) Mechanization and Construction Engineering, Undergraduate Academic Studies		
7.	EJ02L	Englisł	n Language	- Pre-Intermediate		(MR0) Measurement and Control Engineering, Undergraduate Academic Studies		
		č	5 5			(Z01) Safe	ety at Work, Undergraduate Academic Studies	
						(ZC0) Clean Energy Technologies, Undergraduate Academic Studies		
							aster Risk Management and Fire Safety, uate Academic Studies	
						(Z20) Envir Studies	ronmental Engineering, Undergraduate Academic	

STAS STUDIO

UNIVERSITY OF NOVI SAD

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



Study Programme Accreditation

UNDERGRADUATE ACADEMIC STUDIES

List c	ist 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.	L0022		(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				
			(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
23.	EJM	English Language – ESP Course	(M30) Energy and Process Engineering, Undergraduate Academic Studies
20.	Low		(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



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



Study Programme Accreditation

UNDERGRADUATE ACADEMIC STUDIES

ID 31. ASI431 32. BMI80 33. BMI81 34. EJIIM 35. EJIZ 36. EJZZ		Study programme name, study type (AS0) Scenic Architecture, Technique and Design, Undergraduate Academic Studies (BM0) Biomedical Engineering, Undergraduate Academic Studies (BM0) Biomedical Engineering, Undergraduate Academic Studies
32. BMI80 33. BMI81 34. EJIIM 35. EJ1Z	English 1	Undergraduate Academic Studies (BM0) Biomedical Engineering, Undergraduate Academic Studies (BM0) Biomedical Engineering, Undergraduate Academic
33. BMI81 34. EJIIM 35. EJ1Z		Studies (BM0) Biomedical Engineering, Undergraduate Academic
34. EJIIM 35. EJ1Z	English 2	
35. EJ1Z		
	English for Specific Purposes	 (110) Industrial Engineering, Undergraduate Academic Studies (120) Engineering Management, Undergraduate Academic
		(120) Engineering Management, Ondergraduate Academic Studies (E20) Computing and Control Engineering, Undergraduate
		Academic Studies
		(ES0) Power Software Engineering, Undergraduate Academic Studies
		(F10) Engineering Animation, Undergraduate Academic Studies
36. EJ2Z	English Language - Elementary	(GI0) Geodesy and Geomatics, Undergraduate Academic Studies
36. EJ2Z		(SE0) Software Engineering and Information Technologies, Undergraduate Academic Studies
36. EJ2Z		(SEL) Software Engineering and Information Technologies - Loznica, Undergraduate Academic Studies
36. EJ2Z		(AH0) Architecture, Master Academic Studies
36. EJ2Z		(E20) Computing and Control Engineering, Undergraduate Academic Studies
36. EJ2Z		(ES0) Power Software Engineering, Undergraduate Academic Studies
36. EJ2Z		(F10) Engineering Animation, Undergraduate Academic Studies
	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
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
Representativ	e refferences (minimum 5, not more than 10)	
1. Vesna M	larković, English in Civil Engineering, FTN Izdavaštvo, Novi	Sad, 2004.
2. Vesna B	ogdanović, Ivana Mirović, Engleski jezik za grafičko inženjer	stvo i dizajn 1, FTN Izdavaštvo, Novi Sad, 2007.
3. Ivana Mi	rović, Vesna Bogdanović, Engleski jezik 2 za grafičko inženj	erstvo i dizajn, FTN Izdavaštvo, Novi Sad, 2008
4. Vesna M	larković, English in Civil Engineering, drugo izdanje, FTN Izc	lavaštvo, Novi Sad, 2008.
51	ty of Novi Sad, Faculty of Technical Sciences, prevele: Marir Iovi Sad, 2004.	na Katić, Vesna Marković, Ivana Mirović, Fakultet tehničkih
6. Mr Vesn	a Bogdanović, Pačvork romani Alis Voker i Toni Morison, Be	ograd: Zadužbina Andrejević, 2009, ISBN 978-86-7244-743-9
	ović Vesna, Mirović Ivana, Ličen Branislava, Kreiranje udžbe nja, Zbornik radova međunarodne konferencije Jezik struke -	
8 Mirović I		stručnog engleskog jezika na FTN-u u Novom Sadu, Zbornik

	TAS STI.		UNIVERSITY OF NOVI SAD						
Web and	NULL STOR	FACULTY OF TECHNICAL SC	ENCES 21000 NOVI	SAD, TRG DOSII	EJA OBRADOVIĆA 6	ANT ANT			
Study Programme Accreditation									
UNDERGRADUATE ACADEMIC STUDIES Mechanization and Construction Engineering									
Re	Representative refferences (minimum 5, not more than 10)								
9.		esna, Gak Dragana, Bogdanović V e Jezik struke – teorija i praksa, DS			om fakultetu, Zbornik radova	međunarodne			
10.		na, Bulatović Vesna, Bogdanović V ova međunarodne konferencije Jez				ı fakultetu,			
Su	Summary data for teacher's scientific or art and professional activity:								
Quot	Quotation 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

Mechanization and Construction Engineering

Nam	e and last n	ame.			Bukurov Ž. M	aša		
	e and last n				Assistant Professor			
		titution v	vhere the to	acher works full time and			ences - Novi Sad	
	ng date:			acher works full time and	01.11.1993			
	ntific or art f	ield:				Mechanics	- Hydro Pneumatic Technics	
Acad	emic caries	er	Year	Institution	TF		Field	
Acad	emic title e	lection:	2010	Faculty of Technical Sci	ences - Novi S	ad	Applied Fluid Mechanics - Hydro Pneumatic Technics	
PhD thesis 2004 Faculty of Technical So			ences - Novi S	ad	Mechanical Engineering			
Magi	ster thesis		1998	University of Novi Sad -	Novi Sad		Environment Protection Engineering	
Bach	elor's thesis	s	1993	Faculty of Technical Sci	ences - Novi S	ad	Mechanical Engineering	
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	
						(701) Safe	ety at Work, Undergraduate Academic Studies	
1.	M205	Funda	mentals of	Fluid Mechanics			an Energy Technologies, Undergraduate	
							ronmental Engineering, Undergraduate Academic	
							chanization and Construction Engineering, luate Academic Studies	
2.	M205L	Funda	mentals in l	Fluid Mechanics		(M30) Ene Academic	ergy and Process Engineering, Undergraduate Studies	
۷.	WZ03L	i unua				(M40) Technical Mechanics and Technical Design, Undergraduate Academic Studies		
						(P00)Pro Studies	duction Engineering, Undergraduate Academic	
3.	M212	Fluid N	lechanics 1	l.		(M30) Ene Academic	ergy and Process Engineering, Undergraduate Studies	
0.	1012 12			·			chnical Mechanics and Technical Design, luate Academic Studies	
4.	M3301	Pumpi	ng and Cor	npression Stations		(M30) Ene Academic	ergy and Process Engineering, Undergraduate Studies	
ч.	Moool					(ZC0) Cle Academic	an Energy Technologies, Undergraduate Studies	
5.	M3306	Device	s for Mech	anical Purification		Academic		
						Academic		
6.	M3403	Fluid N	lachines			Àcadémic		
7.	M3453	Measu	irement of f	luid properties		Academic		
				р - р - · · · · · · · · · · · · · · · ·		Undergrad	easurement and Control Engineering, luate Academic Studies	
8.	URZP14	Funda	mentals of	Mechanical Engineering		Undergrad	aster Risk Management and Fire Safety, luate Academic Studies	
9.	M3203	Techn	ology of ma	chinery		Àcadémic		
10.	M3401	Fluid N	Aechanics 2	2		(M30) Ene Academic	ergy and Process Engineering, Undergraduate Studies	
11.	M3496	Pipeline Transportation				(M30) Ene Academic	ergy and Process Engineering, Undergraduate Studies	
12.	M3553	Pipe N	letworks Mo	odelling		(M30) Energy and Process Engineering, Master Academi Studies		
13.	M3513	Comp	utational Flu	uid Dynamics		(M30) Energy and Process Engineering, Master Academic Studies		
14.	S0MI12	Theory	/ of ship's n	notion and maneuverability	ý	(S00) Trat Studies	ffic and Transport Engineering, Master Academic	

es!	TAS STUD		UNIVERSITY OF	NOVISAD		HINYKHX Hay									
A.	AR	FACULTY OF TECHNICAL SCI	ENCES 21000 NO	VI SAD, TRG DOSI	TEJA OBRADOVIĆA 6										
D. NE		Study Programme Accreditation													
3	PLANTER	UNDERGRADUATE ACADEMIC	STUDIES	Mechanization and	Construction Engineering	- 1 te									
Re	Representative refferences (minimum 5, not more than 10)														
1.	1. M. Milankov, Maša Bukurov, A. Jovanović, T. Somer, EXPERIMENTAL STUDY OF THE HYDRODINAMIC EFECTS OF IRRIGATION SUCTION DRAINAGE, Arch Orthop Trauma Surg 116 (4), p. 299-304, 1997.														
2.	Maša Buku MORE EFF 1999.	Maša Bukurov, Ž Bukurov, M. Lekić, D. Stojković, TRANSPORTATION BY RIVER IN FUNCTION OF ECO PROTECTION AND MORE EFFICIENT USAGE OF WATER WAYS, First European Inland Waterway Navigation Conference, Balatonfured, Jun, 9-11, 1999.													
3.	Maša Bukurov, S. Tašin, B. Todorović, EFFICIENCY RATE OF STEAM-WATER INJECTOR FOR HOT WATER TRANSPORTATION, Proceedings of PSU-UNS International Conference 2003 "ENERGY AND ENVIRONMENT" Thailand, Dec. 2003, PSUUNS 03021, p.126-129														
4.	Maša Bukurov, S. Bikić, B. Todorović, S. Tašin, TRANSFORMATION OF STEAM ENERGY IN JET PUMP – EFFICIENCY RATE, 25th Yugoslav Congress on Theoretical and Applied Mechanics, Novi Sad, Jun, 2005														
5.		ger, A. Gronauer, Maša Bukurov, C Processing and Energy in Agricultu			L PROTECTION BY USAC	E OF BIOGAS,									
6.	FABRICI C	rov, ENERGETSKO-EKOLOŠKO P EMENTA, magistarski rad, Univerzi a zaštite životne sredine, 1998.													
7.		, Maša Bukurov, IMPORTANCE OF 2, 2006, Rousse. (proceedings, vol			FLOW RATE MEASURING	3, Scintific									
8.		Maša Bukurov, B. Todorović, S. Bi PRITISKA KROZ PARO-VODENU													
9.	Maša Buku Sad, 2004.	rov, Istraživanje svojstava nadyvuči	nog paro-vodenog	injektora, doktorska	disertacija, Fakultet tehnič	kih nauka, Novi									
10.	38.Ž. Bukurov, Maša Bukurov, B. Todorović, S. Bikić, PODLOGE ZA ISTRAŽIVANJE ENERGIJSKO-STRUJNIH KARAKTERISTIKA U NADZVUČNOJ KOMORI ZA MEŠANJE PARO-VODENE MLAZNE PUMPE, Industrijska energetika 2004, Lepenski vir, oktobar 2004														
Su	mmary data fo	r teacher's scientific or art and profe	essional activity:												
	tation total :		0												
	I of SCI(SSCI)	list papers :	0												
Curr	ent projects :		Domestic :	0	International :	Current projects : 0 International : 0									



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



Study Programme Accreditation

UNDERGRADUATE ACADEMIC STUDIES

Mechanization and Construction Engineering

Name	e and last n	ame:			Cvetićanin J. Livija			
	emic title:				Full Professo	,		
		titution v	vhere the te	acher works full time and			nces - Novi Sad	
	ng date:				12.11.1975			
Scier	ntific or art f	ield:			Machine Mechanics			
Acad	emic cariee	er	Year	Institution		Field		
Acad	emic title el	lection:	1992	Faculty of Technical Sci	ences - Novi S	ad	Machine Mechanics	
PhD	thesis		1981	Faculty of Technical Sci	ences - Novi S	ad	Mechanical Engineering	
Magi	ster thesis		1977	Faculty of Mathematics	- Beograd		Mechanics	
Bach	elor's thesis	S	1975	Faculty of Technical Sci	ences - Novi S	ad	Mechanical Engineering	
List o	f 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.	IAKI01	Select	ed Chapter	s in Kinematics		(F10) Eng Studies	ineering Animation, Undergraduate Academic	
						(M20) Med	chanization and Construction Engineering, uate Academic Studies	
						U	ergy and Process Engineering, Undergraduate	
2.	M103	Mecha	inics 1				chnical Mechanics and Technical Design, uate Academic Studies	
						(P00) Prod Studies	duction Engineering, Undergraduate Academic	
							chanization and Construction Engineering, uate Academic Studies	
3.	M107	M107 Mechanics 2				(M30) Ene Academic	ergy and Process Engineering, Undergraduate Studies	
0.	WIG	WCCHD					nnical Mechanics and Technical Design, uate Academic Studies	
						(P00)Proo Studies	duction Engineering, Undergraduate Academic	
						Undergrad	chanization and Construction Engineering, uate Academic Studies	
4.	M201	Mecha	inics 3			 (M30) Energy and Process Engineering, Undergradu Academic Studies (M40) Technical Mechanics and Technical Design, Undergraduate Academic Studies 		
						(P00) Production Engineering, Undergraduate Acade Studies		
						Undergrad	chanization and Construction Engineering, uate Academic Studies	
5.	M2411	Theory	∕ of Oscillat	ion		Undergrad	chnical Mechanics and Technical Design, uate Academic Studies	
						Studies	duction Engineering, Undergraduate Academic	
							chanical Engineering, Doctoral Academic Studies	
6.	DM405	Chaos	in Dynamie	c Systems		· ,	chnical Mechanics, Doctoral Academic Studies	
					(OM1) Ma Studies	thematics in Engineering, Doctoral Academic		
7.	DM408 Nonlinerar Oscillations				(M00) Meo	chanical Engineering, Doctoral Academic Studies		
<i>'</i> .						(M40) Tec	hnical Mechanics, Doctoral Academic Studies	
8.	FDS143	Select	ed Chapter	s in Technical Mechanics		(F00) Graj Studies	phic Engineering and Design, Doctoral Academic	
Rep	oresentative	reffere	nces (minin	num 5, not more than 10)				
1.	1.L. Cvet	icanin, [Dynamics o	f Machines with Variable I	Mass, Gordon a	and Breach	Science Publishers, London, p.236, 1998.	
2.			-				of Mechanics - A/Solids, Volume 26, Issue 2,	
۷.			, Pages 27					

5	TAS STUD		UNIVERSITY OF NO	OVI SAD		WHENT HA					
AN A	ORL	FACULTY OF TECHNICAL SCI	FACULTY OF TECHNICAL SCIENCES 21000 NOVI SAD, TRG DOSITEJA OBRADOVIĆA 6								
D'Z'		Study F	Study Programme Accreditation								
.0t	LANTEN	UNDERGRADUATE ACADEMIC	STUDIES M	echanization and	Construction Engineering	HO.					
Rep	presentative re	efferences (minimum 5, not more th	an 10)								
3.	L. Cvetican 1221-1230	in, Homotopy-perturbation method	for pure non-linear di	ferential equation	, Chaos, Solitons and Fract	als, Vol.30, 2006,					
4.		in, Free vibration of a Jeffcott rotor 1.40, 2005, 1330-1344.	with pure cubic non-li	near elastic prope	erty of the shaft, Mechanism	and Machine					
5.		in, Approximate solution of a strong)5, pp.503-512.	ly non-linear complex	differential equat	tion, Journal of Sound and N	/ibration, Vol.284,					
6.	L. Cvetican	in, Vibrations of the non-linear oscil	lator with quadratic n	on-linearity, Physi	ca A, Vol.341, 2004, pp.123	3-135.					
7.		L. Cveticanin, R. Maretic, Dynamic Theory, Vol.58, 2012, 1-12.	cs of the cutting mech	anism with flexible	e support and non-ideal for	cing, Mechanism					
8.		in, M. KalamiYazdi, H. Askari, Z. Sa Mechanics Research Communicat			m with non-integer order no	onlinear					
9.	L.Cveticani	n, Oscillator with fraction order rest	oring force, Journal o	f Sound and Vibra	tion, Vol.320, 2009, 1064-1	077.					
10.	0. L. Cveticanin, Pure odd-order oscillators with constant excitation, Journal of Sound and Vibration, Vol.330, 2011, 976-986.										
Sur	Summary data for teacher's scientific or art and professional activity:										
Quot	ation total :		706								
Total	of SCI(SSCI)	list papers :	134	1							
Curre	Current projects : Domestic : 2 International : 0										



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



Study Programme Accreditation

UNDERGRADUATE ACADEMIC STUDIES

Mechanization and Construction Engineering

	e and last n	ame:				Časnji F. Fere			
	lemic title:					Full Professor		neen Neui Cod	
	e of the inst ng date:	itution v	vhere the te	eacher works full time	e and	30.01.1971	chnical Scie	nces - Novi Sad	
	ntific or art f	ield:				Motor Vehicle	s		
	lemic caries		Year	Institution		Field			
Acad	lemic title el	ection:	1996	Faculty of Technic	al Sci	ences - Novi Sa	ad	Motor Vehicles	
PhD	thesis		1985	Faculty of Technic				Motor Vehicles	
Magi	ster thesis		1977	Faculty of Agricultu	ure - N	lovi Sad		Motor Vehicles	
Bach	elor's thesis	6	1971	Faculty of Mechan	ical E	ngineering - No	ovi Sad	Motor Vehicles	
List o	of courses b	eing he	ld by the te	acher in the accredit	ted stu	udy programme	s		
	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	
3.	M303	Funda	mentals of	Motor Vehicles			Undergrad	chanization and Construction Engineering, uate Academic Studies	
							Undergrad	chnical Mechanics and Technical Design, luate Academic Studies	
4.	M310A	Road	Vehicle The	eory			Undergrad	chanization and Construction Engineering, uate Academic Studies	
5.	S0I361	Road Vehicles					Academic		
6.	ZR403A	Motor	vehicles op	eration safety				ety at Work, Undergraduate Academic Studies	
7.	M2515	Motor	Vehicle Sin	nulation and Modellin	ng		Academic		
8.	M2549	ROAD	TRAFFIC	FORENSIC ENGINE	ERIN	IG	Academic		
9.	LIM14	Monito	oring and Di	agnostics of Transpo	ortatic	on Means	(LIM) Logi Academic	istic Engineering and Management, Master Studies	
10.	H797	Mecha	tronics in n	nechanization - adva	anced	topics	(H00) Mechatronics, Master Academic Studies		
Rep	presentative	reffere	nces (minin	num 5, not more tha	n 10)				
1.	Časnji F:	Ergono	mski nedos	taci poljoprivrednih t	traktor	ra, Monografija	, Fakultet te	hničkih nauka, Novi Sad, 1991, str.157.	
2.			D: Pregled o c, 2005. str		eristika	a traktora velike	e snage, Mo	onografija povodom 30 godina izdavanja časopisa	
3.	Časnji F.,	,Stojić B	: Razvoj hil	bridnih elektro-dizel	trakto	ra, Traktori i po	gonske ma	šine, 13 (2008)4, Novi Sad 54-59	
4.	Časnji F., 180	, Torović	ć T., Muzikr	avić V: Energetska e	efikası	nost traktora, M	lonografija,	Fakultet tehničkih nauka - Novi Sad, 2009, str.	
5.				Interaction Between azi, Vol. 1, pp. 295-3				bin, in: Heat transfer Phenomena and	
6.				ije goriva pomoću m Sad, 2010, str. 41-57		oničkih sistema	u transmisi	iji traktora, poglavlje u monografiji "Aktuelni pravci	
7.								ke povećanjem akustičke apsorpcije, Zbornik c, 2004, str. 352-360.	
8.				ić V: Savremene ten 2001.god. str.80	ndenci	je u automobils	skoj tehnici -	- mehaničke komponente i elektronski sistemi,	
9.	Milidrag S. Časnij F. Muzikravić V. Poznanović N. Sistemi upravljanja motornih vozila, monografija, Fakultet tehničkih nauka								
10.	 Časnji F., Križnar M., Milidrag S.: Stanje i pravci razvoja motornih vozila i traktora, monografija naučne konferencije sa međunarodnim učešćem "Mašinstvo za XXI vek", Novi Sad, 1995, str. 469-484. 						a, monografija naučne konferencije sa		
Sur	nmary data	for teac	her's scien	tific or art and profes	ssiona	l activity:			
	Quotation total : 38								
	Total of SCI(SSCI) list papers : 0					atia .	0		
Current projects : Domestic : 0 Int						International : 0			



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



Study Programme Accreditation

UNDERGRADUATE ACADEMIC STUDIES

Mechanization and Construction Engineering

Nam	e and last n	ame.			Čavić M. Maj	2			
-	e and last n	ame.			Assistant Pro				
		titution v	vhere the to	eacher works full time and			nces - Novi Sad		
	ng date:				03.11.1988				
Scier	ntific or art f	ield:				nents,Const	ruction Principles, Machine and Mechanizm		
Acad	emic caries	er	Year	Institution	Field				
Acad	emic title e	lection:	2012				Machine Elements, Construction Principles, Machine and Mechanizm Theory, Power and Motion Transfer and Eng.Communication		
PhD	thesis		2012	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		1994	Faculty of Mechanical E	ngineering - Be	eograd	Machine Elements, Construction Principles, Machine and Mechanizm Theory, Power and Motion Transfer and Eng.Communication		
Bach	elor's thesis	5	1987	Faculty of Technical Sci	ences - Novi S	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	es			
	ID	Course	e name			Study pro	gramme name, study type		
1.	H306	Machir	ne Mechan	cs		(H00) Med	chatronics, Undergraduate Academic Studies		
2.	M208	Theory	y of Mechar	nisms and Machines		Undergrad	chanization and Construction Engineering, uate Academic Studies chnical Mechanics and Technical Design,		
						Undergraduate Academic Studies			
3.	M2409	Power	and Motior	n Transmission			chanization and Construction Engineering, uate Academic Studies		
4.	M2410	Mecha	inism Synth	iesis		 (M20) Mechanization and Construction Engineering, Undergraduate Academic Studies (M40) Technical Mechanics and Technical Design, Undergraduate Academic Studies 			
5.	M2525	Mecha	inisms			Undergraduate Academic Studies (M20) Mechanization and Construction Engineering, Undergraduate Academic Studies			
						(S00) Traffic and Transport Engineering, Undergraduate			
6.	S012	Descri	ptive Georr	netry and Engineering Dra	wing	Academic Studies			
7.	H570	Mecha	nisms in M	echatronics		(H00) Mechatronics, Master Academic Studies			
8.	M2653		and Motion	n Transmission in Agriculti	ural	<u> </u>	chanization and Construction Engineering, Master		
9.	H797	Mecha	tronics in n	nechanization - advanced	topics	(H00) Med	chatronics, Master Academic Studies		
10.	DM215	Seelct	ed Chapter	s in Machine and Mechan	isms Theory	(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.	CENTRC	DES, N , Editoria	lanufacturir	ng Intelligent Design and C	Optimization Pr	ocesses, Jo	GONAL HOLES DRILLING APPLYING urnal of Machine Engineering,Vol 7, No 2, 2007, Federation NOT, Wroclaw, Poland, 2007, ISSN		
2.	Sodi M. Ferraresi, C. Kolarski (Cavic), M. Borovac, B. Vukobratović, M. Machanics of turin parallel robot, Machanism and								
3.	 Kolarski (Cavic), M., Vukobratović, M., Borovac, B.: Dynamic analysis of balanced robot mechanisms, Mechanism and Machine Theory, 1994, Vol. 29, No. 3, pp. 427-454, ISSN: 0094-114X. 								
4.	M.Kostić, M. Čavić, M. Zlokolica: ABOUT OPTIMAL SYNTHESIS OF COMPLEX PLANAR MECHANISM, 12th IFToMM World Congress, Besancon, France, 18-21 june, 2007, Proceedings online on www.iftomm.org, www.iftomm2007.com								
5.	skupa: 12	2th IFTo	MM World				SKINEMATIC GROUP MECHANISMS Naziv and Machine Science - IFToMM, Besancon, 18-21		

4	TAS STUR		UNIVERSITY OF NO	OVI SAD		WXWX 4					
INFR OF	Mail Ball	FACULTY OF TECHNICAL SCI	FACULTY OF TECHNICAL SCIENCES 21000 NOVI SAD, TRG DOSITEJA OBRADOVIĆA 6								
0.2	Concert State	Study F	Study Programme Accreditation								
·0	LANTER	UNDERGRADUATE ACADEMIC	STUDIES M	echanization and	Construction Engineering	AND HOS					
Re	presentative re	efferences (minimum 5, not more th	an 10)								
6.	 Zlokolica, M., Cavic, M., Kostic, M.: Analytical description of polygonal holes boring - General approach, Strojniski Vestnik - Journal of Mechanical Engineering, 2010, Vol. 56, No. 7-8, pp. 511-520, ISSN: 0039-2480. 										
7.		Cavić M., Zlokolica M., Veselinović (5 , 2. Power Transmissions, Novi				ORMING					
8.	Čavić M.: M 2012	MODULARNI PRISTUP ANALIZI I S	SINTEZI MEHANIZAN	IA SA KINEMATI	ČKIM GRUPAMA VIŠE KLA	ASE, Novi Sad,					
9.		ostić M., Zlokolica M.: Dynamical C SBN 978-86-7892-105	Condition for Mechan	sm Synthesis, Mo	onografija Machine Design, 2	2008, pp. 109-					
10.	Kostić M., Čavić M., Zlokolica M.: PERFORMANCE OF LEVER-CAM DWELL MECHANISM, Machine Design, 2009, pp. 115-120 ISSN 1821-1259										
Su	Summary data for teacher's scientific or art and professional activity:										
Quot	tation total :		0								
Tota	I 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

Mechanization and Construction Engineering

Name and last name: Doré 2. Jovan Aasdadmic tille: Aasistant Professor Aasistant Professor Name of the institution where the teacher works full time and <i>Excutly of</i> Technical Sciences - Novi Sad 11.0.2008 Academic title election: 2012 Faculty of Technical Sciences - Novi Sad Internal Combustion Engines Academic title election: 2012 Faculty of Technical Sciences - Novi Sad Internal Combustion Engines PhD thesis 2008 Faculty of Technical Sciences - Novi Sad Internal Combustion Engines Starborts thesis 2008 Internal Combustion Engines Internal Combustion Engines Ist of courses being held by the teacher in the accredited study programme Study programme name, study type Internal Combustion Engines 1 H2421 EC Engines electioncis (H20) Mechanization and Construction Engineering, Undergraduate Academic Studies 2 M213 Machine Usage (M20) Mechanization and Construction Engineering, Undergraduate Academic Studies 4 M222 IC Engines election Engineering, Undergraduate Academic Studies (M20) Mechanization and Construction Engineering, Undergraduate Academic Studies 5 M302 Fundamentals of IC Engines (M20) Mechaniz										
Name of the institution where the teacher works full time and starting date: Faculty of Technical Sciences - Novi Sad Internal Combustion Engines Scientific or attrifict Year Institution Field Academic tile decision: 2012 Faculty of Technical Sciences - Novi Sad Internal Combustion Engines PhD Insis 2008 Faculty of Technical Sciences - Novi Sad Internal Combustion Engines Bachelor's thesis 2008 Faculty of Technical Sciences - Novi Sad Internal Combustion Engines Bachelor's thesis 2008 Faculty of Technical Sciences - Novi Sad Internal Combustion Engines Bachelor's thesis 2008 Faculty of Technical Sciences - Novi Sad Internal Combustion Engines Bachelor's thesis 2008 Faculty of Technical Sciences - Novi Sad Internal Combustion Engines 1 H2421 EC Enginees Mechatroncis (H00) Mechanization and Construction Engineering. Undergraduate Academic Studies 1 H2421 EC Enginee Reputerering. Undergraduate Academic Studies (M20) Mechanization and Construction Engineering. Undergraduate Academic Studies 3 M2433 Internal Combustion Enginees (M20) Mechanization and Construction Engineering. Undergraduate Academic Studies			ame:			Dorić Ž. Jova				
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^{10.} Simpozijum o konstruisanju, oblikovanju i dizajnu – KOD, Balatonfured, 24-26 Maj, 2012, pp. 199-204, ISBN 978-86-7892-399-9. Summary data for teacher's scientific or art and professional activity:	9.	9. ACTUAL TASKS ON AGRICULTURAL ENGINEERING, Opatija: Sveučilište u Zagrebu Agronomski Fakultet, Hrvatska, 22-25								
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Study Programme Accreditation

UNDERGRADUATE ACADEMIC STUDIES

Mechanization and Construction Engineering

Num	Name and last name: Dragutinović D. Gordan								
		ame:							
	emic title:				Associate Pro		nces - Novi Sad		
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	ntific or art f	ield:			Termodynam	ics and Hea	t Transfer		
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	emic title el		2010	Faculty of Technical Sci	ences - Novi Si	ad	Termodynamics and Heat Transfer		
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1.	M203	Funda	mentals of	Thermodynamics		(ZC0) Clea Academic	an Energy Technologies, Undergraduate Studies		
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4.	M215	Funda	mentals of	Heat Transfer			chnical Mechanics and Technical Design, uate Academic Studies		
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8.	BMIM4A	Transp	port phenon	nena and Living systems		(BM0) Bio	medical Engineering, Master Academic Studies		
1							ergy and Process Engineering, Master Academic		
9.	M3508	Mass ⁻	Transfer			Studies (M40) Tec Academic	chnical Mechanics and Technical Design, Master		
10.	DM307	Select	ed Chanter	s in Mass Transfer			chanical Engineering, Doctoral Academic Studies		
11.	DM307		ss Kinetics			·	chanical Engineering, Doctoral Academic Studies		
I	Representative refferences (minimum 5, not more than 10)								
1.	Draguting	ovic, G.[D., Baclic, B	S.S. "Operation of Counter		tors", Book '	Vol. 4 in Series "Developments in Heat Transfer",		
\vdash	Computational Mechanics Publications, Southampton, 1998.								
2.	2. Baclic, B.S. and Dragutinovic, G.D., "Asymmetric-unbalanced Counterflow Thermal Regenerator Problem: Solution by the Galerkin Method and meaning of dimensional Parameters, Int. J. Heat Mass Transfer, Vol.34, No. 2, 1991, pp. 483-498.								

SITAS STUD UNIVERSITY OF NOVI SAD FACULTY OF TECHNICAL SCIENCES 21000 NOVI SAD, TRG DOSITEJA OBRADOVIĆA 6 Study Programme Accreditation UNDERGRADUATE ACADEMIC STUDIES Mechanization and Construction Engineering Representative refferences (minimum 5, not more than 10) Dragutinovic, G.D., Baclic, B.S., "Interpolation and collocation methods for prediction of thermal regenerator performances", 3 Thermal Science, Vol. 12, No. 4, 1996. pp. 307-327. Baclic, B.S., Heggs, P.J., and Dragutinovic, G.D., "Prediction of the Effectiveness of Unbalanced - Asymmetric Counterflow 4 Regenerators", Publications of the Faculty of Technical Sciences, Vol. 15, 1984, pp. 1-15, University of Novi Sad. Baclic, B.S., Gvozdenac, D.D., and Dragutinovic, G.D., "Easy way to calculate the Amzelius-Schumann J function", Thermal 5 Science, Vol. 1, No. 1, 1997, pp. 109-116. 6 Dragutinović, D.G., Dimić, M., Sinteza optimalnih mreša toplotnih razmenjivača, Termotehnika, 1, 1998. Bašić, Đ., Petrović, J., Marić, M., Dragutinović, G., i dr., Mogućnost korišćenja energetskog potencijala geotermalnih voda u 7 Vojvodini, Novi Sad, Prometej, 2009 Martinov, M., Dragutinović, G., i dr., Mogućnost kombinovane proizvodnje električne i toplotne energije iz biomase u AP Vojvodini, 8 Novi Sad, PSEMR AP Vojvodina, 2008 Nedeljkov, M., Dragutinović, G., Mathematical Simulation od Deep-Bed Drying of Grains - A numerical simulation, CHISA, Prag, 9 avgust 1987 Nedeljkov, M., Dragutinović, G., Mogućnosti i uslovi racionalizacije procesa konvektivnosg sušenja zrnastih poljoprivrednih 10. proizvoda, 7. simpozijum termičara, Ohrid, maj 1984. Summary data for teacher's scientific or art and professional activity: Quotation total 11 Total of SCI(SSCI) list papers : 2 Current projects : Domestic : 2 International : 0



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



Study Programme Accreditation

UNDERGRADUATE ACADEMIC STUDIES

Mechanization and Construction Engineering

Nam				-	Durié M. Nille	1		
	e and last n	ame:			Đưrić M. Nikola			
	emic title:		ula a u - 41 - 1	a a la annua a la a faill d'	Assistant Professor Faculty of Technical Sciences - Novi Sad			
	e of the insi ng date:	itution v	vnere the te	acher works full time and	01.10.1997	CHINCAL SCIE	IICES - NUVI Odu	
	ntific or art f	ield:			Theoretical Electrotechnics			
	emic carie		Year	Institution	Field			
	emic title e		2010	Faculty of Technical Sci	ences - Novi S	ad	Theoretical Electrotechnics	
	thesis		2009	Faculty of Technical Sci			Electrical and Computer Engineering	
	ster thesis		2003	Faculty of Technical Sci			Electrical and Computer Engineering	
	elor's thesis	<u> </u>	1997	Faculty of Technical Sci			Electrical and Computer Engineering	
		-		acher in the accredited stu				
	ID		e name		ady programme		gramme name, study type	
1.	E216	Funda	mentals of	Electrical Engineering		Academic	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	chanization and Construction Engineering, uate Academic Studies ergy and Process Engineering, Undergraduate	
5.	M112	Electrical Engineering and Electric Machine			.c.		Studies chnical Mechanics and Technical Design, luate Academic Studies	
0.		LICOUT			.0	Studies	duction Engineering, Undergraduate Academic	
						Academic	ffic and Transport Engineering, Undergraduate Studies tal Traffic and Telecommunications,	
						Undergraduate Academic Studies (E10) Power, Electronic and Telecommunication		
6.	E105	Funda	mentals of	Electrical Engineering 1		Engineering, Undergraduate Academic Studies		
						(MR0) Measurement and Control Engineering, Undergraduate Academic Studies		
7.	E110	Funda	mentals of	Electrical Engineering 2		Engineerin	ver, Electronic and Telecommunication g, Undergraduate Academic Studies	
						Undergrad	asurement and Control Engineering, luate Academic Studies	
8.	BMI94	Funda	mentals of	Electrical Engineering		Studies	medical Engineering, Undergraduate Academic	
9.	DE416S	Investi	igation of el	ectromagnetic fields		Engineerin	ver, Electronic and Telecommunication g, Specialised Academic Studies	
10.	DE517S	Techn	ology of ma	gnetic and optical data st	orage		ver, Electronic and Telecommunication g, Specialised Academic Studies	
11.	EE543	Electro	o Magnetic	Energy			er, Electronic and Telecommunication g, Master Academic Studies	
12.	E1IEP	Investi	igation of el	ectromagnetic fields		Academic (E10) Pow	er, Electronic and Telecommunication	
						-	g, Master Academic Studies	
13.	H799	Fieldb	uses and pi	rotocols		<u>, í</u>	chatronics, Master Academic Studies	
14.	H845	Motior	Motion control			(H00) Mechatronics, Master Academic Studies(I10) Industrial Engineering, Master Academic Studies		
15.	DE416	Investigation of electromagnetic fields				(E10) Power, Electronic and Telecommunication Engineering, Doctoral Academic Studies		

HISTAS STUDIO		UNIVERSITY OF NOVI SAD FACULTY OF TECHNICAL SCIENCES 21000 NOVI SAD, TRG DOSITEJA OBRADOVIĆA 6							
6	LANTER	UNDERGRADUATE ACADEMIC	-		Construction Engineering	HOB.			
List o	of courses b	eing held by the teacher in the accre	edited study programme	es		1			
	ID	Course name		Study programme name, study type					
16.	DE517	Technology of magnetic and optica	al data storage		lectronic and Telecommu	nication			
Rep	presentative	e refferences (minimum 5, not more t	than 10)						
1.		Despotović M. : Application of MTR Proceedings in Engineering Science				ns, Sadhana -			
2.		Nađ L., Damnjanović M., Đurić N., Ž nal, 2011, Vol. 28, No 1, pp. 41-49,		plication of planar	-type meander sensors, N	licroelectronics			
3.		Kavecan N.: Internet Portal of the S ices in Future Internet - AFIN, Rim, 7							
4.		Kavečan N., Kljajić D.: The EM Field um on Intelligent systems and Inform							
5.	Đurić N., Šenk V.: The MAP Implementation in Logic Circuits for Soft-decision Decoding of MTR Codes, 6. European Modeling Symposium - EMS, Malta, 14-16 Novembar, 2012, pp. 201-206, ISBN 978-0-7695-4926-2/12								
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								
8.	Bajović V., Đurić N., Herceg D.: Serbian Laws and Regulations as Foundation for Electromagnetic Field Monitoring Information Network, 10. International Conference on Applied Electromagnetics, Niš, 25-29 Septembar, 2011, ISBN ISBN: 978-86-6125-04								
9.	Đurić N., Prša M., Kasaš-Lažetić K., Bajović V.: Serbian Remote Monitoring System for Electromagnetic Environmental Pollution, 10. International Conference on Telecommunications in Modern Satellite, Cable and Broadcasting Services - TELSIKS, Niš, 5-8 Oktobar, 2011, pp. 701-704, ISBN 978-1-4577-2016-1								
10.	Đurić N., Šenk V., Vasić B.: MAP Decoding of MTR Codes in Multiple-Head Magnetic Recording Systems, 10. International Conference on Telecommunications in Modern Satellite, Cable and Broadcasting Services - TELSIKS, Niš, 5-8 Oktobar, 2011, pp. 164-167, ISBN 978-1-4577-2018-5								
Sur	mmary data	for teacher's scientific or art and pro	ofessional activity:						
	tation total :		0						
	``	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

Mechanization and Construction 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 carieer Year Institution Academic title election: 2008 Faculty of Entrepreneurial Management - Novi Sad Sad English Magister thesis 2010 Faculty of Philosophy - Novi Sad English and America Bachelor's thesis 2000 Faculty of Philosophy - Novi Sad English List of courses being held by the teacher in the accredited study programmes English Interpretation ID Course name Study programme name, study 1. AEJ1L English Language - Elementary (A00) Architecture, Undergradua 3. AEJ2Z English Language - upper intermediate (A00) Architecture, Undergradua 4. AEJ3Z English Language - upper intermediate (A00) Architecture, Undergradua 4. AEJ3Z English Language - upper intermediate (A00) Architecture, Undergradua 4. AEJ3Z English Language - upper intermediate (A00) Ar	type te Academic Studies te Academic Studies te Academic Studies te Academic Studies raduate Academic Studies ruction Engineering,		
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 America 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. AEJ2L English Language - Elementary (A00) Architecture, Undergraduat 2. AEJ2L English Language - upper intermediate (A00) Architecture, Undergraduat 4. AEJ3Z English Language - upper intermediate (A00) Architecture, Undergraduat 4. AEJ3Z English Language - upper intermediate (A00) Architecture, Undergraduat (G00) Civil Engineering, Undergraduate Academic Studies (M00) Mechanization and Const Undergraduate Academic Studies (M30) Energy and Process Engi (M30) Energy and Process Engi (M40) Technical Mechanics and	type te Academic Studies te Academic Studies te Academic Studies te Academic Studies raduate Academic Studies ruction Engineering,		
starting date: 16.09.2009 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 America 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, Undergraduat 2. AEJ2L English Itermediate (A00) Architecture, Undergraduat 3. AEJ2Z English Itermediate (A00) Architecture, Undergraduat 4. AEJ3Z English Language - upper intermediate (A00) Architecture, Undergraduat 4. AEJ3Z English Language - upper intermediate (M30) Energy and Process Englic 4. (M20) Mechanization and Const Undergraduate Academic Studies (M40) Technical Mechanics and	type te Academic Studies te Academic Studies te Academic Studies te Academic Studies raduate Academic Studies ruction Engineering,		
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 America 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, Undergradua 2. AEJ2L English Language intermediate (A00) Architecture, Undergradua 3. AEJ2Z English Language - upper intermediate (A00) Architecture, Undergradua 4. AEJ3Z English Language - upper intermediate (A00) Architecture, Undergradua (G00) Civil English Language - upper intermediate (M20) Mechanization and Const Undergraduate Academic Studies (M30) Energy and Process Engli Academic Studies (M40) Technical Mechanics and	type te Academic Studies te Academic Studies te Academic Studies te Academic Studies raduate Academic Studies ruction Engineering,		
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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, Undergradua 2. AEJ2L English Language intermediate (A00) Architecture, Undergradua 3. AEJ2Z English intermediate (A00) Architecture, Undergradua 4. AEJ3Z English Language - upper intermediate (A00) Architecture, Undergradua (G00) Civil Engineering, Undergradua (G00) Civil Engineering, Undergradua (G00) Civil Engineering, Undergradua (M20) Mechanization and Const Undergraduate Academic Studies (M30) Energy and Process Enging (M40) Technical Mechanics and (M40) Technical Mechanics and	type te Academic Studies te Academic Studies te Academic Studies te Academic Studies raduate Academic Studies ruction Engineering,		
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3. AEJ2Z English intermediate (A00) Architecture, Undergraduate 4. AEJ3Z English Language - upper intermediate (A00) Architecture, Undergraduate 4. AEJ3Z English Language - upper intermediate (A00) Architecture, Undergraduate (G00) Civil Engineering, Undergraduate (G00) Civil Engineering, Undergraduate (M20) Mechanization and Const Undergraduate Academic Studies (M30) Energy and Process Engineering Academic Studies (M40) Technical Mechanics and	te Academic Studies te Academic Studies raduate Academic Studies ruction Engineering,		
4. AEJ3Z English Language - upper intermediate (A00) Architecture, Undergraduate 4. AEJ3Z English Language - upper intermediate (G00) Architecture, Undergraduate (G00) Civil Engineering, Undergraduate (G00) Mechanization and Const Undergraduate Academic Studies (M30) Energy and Process Engineering (M40) Technical Mechanics and	te Academic Studies raduate Academic Studies ruction Engineering,		
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(M20) Mechanization and Const Undergraduate Academic Studie (M30) Energy and Process Engi Academic Studies (M40) Technical Mechanics and	ruction Engineering,		
Undergraduate Academic Studie (M30) Energy and Process Engi Academic Studies (M40) Technical Mechanics and			
Academic Studies (M40) Technical Mechanics and	5		
(M40) Technical Mechanics and			
5. EJ01L English Language – Elementary Undergraduate Academic Studie			
(P00) Production Engineering, U Studies	(P00) Production Engineering, Undergraduate Academic Studies		
(S00) Traffic and Transport Eng Academic Studies	S00) Traffic and Transport Engineering, Undergraduate cademic Studies		
	(S01) Postal Traffic and Telecommunications, Undergraduate Academic Studies		
(E10) Power, Electronic and Tel Engineering, Undergraduate Aca	demic Studies		
(F00) Graphic Engineering and Academic Studies	(F00) Graphic Engineering and Design, Undergraduate Academic Studies		
	(MR0) Measurement and Control Engineering, Undergraduate Academic Studies		
6. EJ01Z English Language - Elementary (Z01) Safety at Work, Undergrad	luate Academic Studies		
(ZC0) Clean Energy Technologi Academic Studies	(ZC0) Clean Energy Technologies, Undergraduate Academic Studies		
	(ZP0) Disaster Risk Management and Fire Safety, Undergraduate Academic Studies		
(Z20) Environmental Engineering Studies	, Undergraduate Academic		
(E10) Power, Electronic and Tel Engineering, Undergraduate Aca			
(F00) Graphic Engineering and Academic Studies	Design, Undergraduate		
	(M20) Mechanization and Construction Engineering, Undergraduate Academic Studies		
7. EJ02L English Language – Pre-Intermediate Undergraduate Academic Studie	(MR0) Measurement and Control Engineering, Undergraduate Academic Studies		
	(Z01) Safety at Work, Undergraduate Academic Studies		
(ZC0) Clean Energy Technologi Academic Studies	(ZC0) Clean Energy Technologies, Undergraduate Academic Studies		
(ZP0) Disaster Risk Managemer Undergraduate Academic Studie	ster Risk Management and Fire Safety, ate Academic Studies		
(Z20) Environmental Engineering Studies	, Undergraduate Academic		

ANTAS STUDIO

UNIVERSITY OF NOVI SAD

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						
			(I10) Industrial Engineering, Undergraduate Academic Studies						
8.	EJ02Z	English Language – Pre-Intermediate	(I20) Engineering Management, Undergraduate Academic Studies						
0.	LUUZZ		(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						
	EJ04L		(F00) Graphic Engineering and Design, Undergraduate Academic Studies						
		English Language – Upper Intermediate	(Z01) Safety at Work, Undergraduate Academic Studies						
10.			(E10) Power, Electronic and Telecommunication Engineering, Undergraduate Academic Studies						
			(Z20) Environmental Engineering, Undergraduate Academic Studies						
	EJ1Z		(E20) Computing and Control Engineering, Undergraduate Academic Studies						
			(ES0) Power Software Engineering, Undergraduate Academic Studies						
			(F10) Engineering Animation, Undergraduate Academic Studies						
11.		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						
	EJ2L	L English Language – Intermediate	(E20) Computing and Control 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						



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



Study Programme Accreditation

UNDERGRADUATE ACADEMIC STUDIES

Mechanization and Construction Engineering

List c	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						
	EJ2Z		(ES0) Power Software Engineering, Undergraduate Academic Studies						
			(F10) Engineering Animation, Undergraduate Academic Studies						
13.		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.		English Language – ESP Course	(M30) Energy and Process Engineering, Undergraduate Academic Studies						
20.	EJM		(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						



UNIVERSITY OF NOVI SAD

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



Study Programme Accreditation

UNDERGRADUATE ACADEMIC STUDIES

33. Exities Studies 34. EJIIM English for Specific Purposes (110) Industrial Engineering, Undergraduate Acac Studies 34. EJIIM English for Specific Purposes (120) Engineering Management, Undergraduate Acac Studies 35. EJIZ English Language - Elementary (E0) Orwer Software Engineering, Undergraduate Aca Studies 35. EJIZ English Language - Elementary (GIO) Geodesy and Geomatics, Undergraduate Aca Studies 36. EJIZ English Language - Intermediate (E20) Computing and Control Engineering, Undergraduate Academic Studies 36. EJZZ English Language - Intermediate (E20) Computing and Control Engineering, Undergraduate Academic Studies 36. EJZZ English Language - Intermediate (E20) Computing and Control Engineering, Undergraduate Academic Studies 37. eja English Language - Intermediate (GIO) Geodesy and Geomatics, Undergraduate Academic Studies 37. eja English Language - Advanced (E10) Power Engineering and Information Tec Undergraduate Academic Studies 38. EJZZ English Language - a Specialized Course (AHO) Architecture, Master Academic Studies 39. F507 English Language - Advanced Engineering, Master Academic S	List of courses being held by the teacher in the accredited study programmes								
31. ASH3 English Language 2 Undergraduate Academic Studies 32. BMI80 English 1 (BM0) Biomedical Engineering, Undergraduate A 33. BMI81 English 1 (BM0) Biomedical Engineering, Undergraduate A 34. EJIIM English for Specific Purposes (110) Industrial Engineering, Undergraduate Acad 34. EJIIM English for Specific Purposes (120) Engineering Management, Undergraduate Acad 35. EJIZ English Language - Elementary (160) Goddesy and Geomatics, Undergraduate Academic Studies 35. EJIZ English Language - Elementary (160) Goddesy and Geomatics, Undergraduate Academic Studies 36. EJIZ English Language - Elementary (160) Goddesy and Geomatics, Undergraduate Academic Studies 37. EJIZ English Language - Intermediate (100) Goddesy and Geomatics, Undergraduate Academic Studies 38. EJIZ English Language - Intermediate (100) Geodesy and Geomatics, Undergraduate Academic Studies 39. F507 English Language - Advanced (E10) Computing and Control Engineering, undergraduate Academic Studies 39. F507 English Language - Advanced (E10) Power Software Engineering and Information Tec Undergraduate Academic Studies		ID Course name Study programme name, study type							
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Bogdanović Vesna, Gak Dragana, Univerzalana simbolika na primeru afro-američke zajednice u drami Lorejn Hansberi									
⁴ broj 98, decembar , Pančevo, 2010	4.								
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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)								
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9.	9. Mirović Ivana, Gak Dragana, Trust Me I'm an Engineer, Zbornik radova sa međunarodne konferencije The Importa Professional Foreign Language for Communication Between Cultures, Faculty of Logistics, University of Maribor, S								
Su	mmary data for teacher's scientific or art and prof	essional activity:							
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Curr	ent projects :	Domestic :		International :					



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



Study Programme Accreditation

UNDERGRADUATE ACADEMIC STUDIES

Mechanization and Construction Engineering

Lacdarmic title: Full Professor Name of the institution where the teacher works full time and string date. Faculty of Technical Sciences - Novi Sad Scientific or at field: Machine Constructions, Transport Systems and Logistics Academic categrier Year Institution Academic categrier Year Institution PhD thesis 1969 Faculty of Philosophy - Novi Sad Machine Constructions, Transport Systems : Logistics Magister thesis 1962 Faculty of Philosophy - Novi Sad Machine Constructions, Transport Systems : Logistics Bachelor's thesis 1973 University of Novi Sad - Novi Sad Machine Constructions, Transport Systems : Logistics Ib Course name Study programme name, study type 1. H2463 Mechanization Management (H00) Mechatronics, Undergraduate Academic Studies 2. M2405 Warehouses and Equipment (M20) Mechanization and Construction Engineering, Undergraduate Academic Studies 3. M308 Engineering Logistics and Simulation (M20) Machanization and Construction Engineering, Undergraduate Academic Studies 5. S1218 Reload Logistics (S01) Postati Traffic and Talecommunications, Undergraduate Aca	Nam	Name and last name: Georgijević S. Milosav							
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14. LIM28 Intralogistic System Planning Academic Studies 15. LIM29 Simulation of Large Logistic Systems (LIM) Logistic Engineering and Management, Master Academic Studies 16. H797 Mechatronics in mechanization - advanced topics (H00) Mechatronics, Master Academic Studies 17. DM213 Contemporary Methods of Designing and Machine Constructing (M00) Mechanical Engineering, Doctoral Academic Studies 18. DM331 Selected Chapters in Transport and Construction Machines (M00) Mechanical Engineering, Doctoral Academic Studies 19. DOM20 Engineering Analysis Methods (M00) Mechanical Engineering, Doctoral Academic Studies 20. DOM27 Logistics and Simulation (M00) Mechanical Engineering, Doctoral Academic Studies 11. Georgijevic M.: Anwendung von Rechenmodellen bei der dynamischen Analyse von Hebezeugen, dhf - deutsche hebe und fördertechnik, 1990, Nr.10, s. 46-53 2 Georgijevic M.: Einwirkung der konstruktiven Lösung und Antriebsregulierung auf Dynamik von Hafenhebezeugen, dhf-deutsc	13.	LIM27	Logistics of Warehousing and Commissioning (LIN						
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17. DM213 Contemporary Methods of Designing and Machine Constructing (M00) Mechanical Engineering, Doctoral Academic Stud (M00) Mechanical Enginering, Doctoral Academic	15.	LIM29							
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18. DM331 Selected Chapters in Transport and Construction Machines (M00) Mechanical Engineering, Doctoral Academic Stude 19. DOM20 Engineering Analysis Methods (M00) Mechanical Engineering, Doctoral Academic Stude 20. DOM27 Logistics and Simulation (M00) Mechanical Engineering, Doctoral Academic Stude Representative refferences (minimum 5, not more than 10) 1. Georgijevic M.: Anwendung von Rechenmodellen bei der dynamischen Analyse von Hebezeugen, dhf - deutsche hebe und fördertechnik, 1990, Nr.10, s. 46-53 2 Georgijevic M.: Einwirkung der konstruktiven Lösung und Antriebsregulierung auf Dynamik von Hafenhebezeugen, dhf-deutsc	17.	DM213							
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1. Georgijevic M.: Anwendung von Rechenmodellen bei der dynamischen Analyse von Hebezeugen, dhf - deutsche hebe und fördertechnik, 1990, Nr.10, s. 46-53 2 Georgijevic M.: Einwirkung der konstruktiven Lösung und Antriebsregulierung auf Dynamik von Hafenhebezeugen, dhf-deutsc	20.	DOM27	Logisti	cs and Sim	ulation		(M00) Me	chanical Engineering, Doctoral Academic Studies	
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Georgijevic M.: Einwirkung der konstruktiven Lösung und Antriebsregulierung auf Dynamik von Hafenhebezeugen, dhf-deutsc	1.	Georgijevic M.: Anwendung von Rechenmodellen bei der dynamischen Analyse von Hebezeugen, dhf - deutsche hebe und							
	2.	Georgievic M. Einwirkung der konstruktiven Lösung und Antrieberggulierung auf Dynamik von Hafenbebezeugen, dhf deutsche							

SITAS STUD UNIVERSITY OF NOVI SAD FACULTY OF TECHNICAL SCIENCES 21000 NOVI SAD, TRG DOSITEJA OBRADOVIĆA 6 Study Programme Accreditation UNDERGRADUATE ACADEMIC STUDIES Mechanization and Construction 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 3 und fördertechnik, 1992, Nr. 3, s. 74-81 Georgijevic M, Milisavljevic B.: Pendeln des Containers bei der Katzenbewegung der Portalkrane, dhf - deutsche hebe und 4 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 Flow Processes and Machine Design, Simulation News Europe, July 2002, p.18,19 M. Georgijevic, R. Kostic, Erhöhung der Lebensdauer von Fördermaschinen durch mechatronische Systeme, 30. Tagung DVM 7. - Arbeitskreis Betriebsfestigkeit Mechatronik und Betriebsfestigkeit - Stuttgart, 8. und 9. Oktober, 2003, s. 139-163 (Predavanje po pozivu) Georgijevic M, Radanovic R.: Simulation komplexer Systeme und Optimierung 9. Symposium Simulation als betriebliche 8 Entscheidungshilfe: Neuere Werkzeuge und Anwendungen aus der Praxis (Proc. zum 9. Symposium), Goettingen s. 307-320, 2004 9 Georgijevic M.: Fuzzy Control zur Regelung einer Krananlage, Erfolgsbilanz fur Fuzzy Logik, Ausgburg, 1992 Pap E, Bojanic V, Georgijevic M, Bojanic,: Application of Pseudo-Analysis in the Synchronization of Container Terminal 10. Equipment Operation, ACTA POLYTECHNICA HUNGARICA, (2011), vol. 8 br. 6, str. 5-21. Summary data for teacher's scientific or art and professional activity: Quotation total 0 Total of SCI(SSCI) list papers : 1 2 Current projects Domestic : International : 1



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



Study Programme Accreditation

UNDERGRADUATE ACADEMIC STUDIES

Mechanization and Construction Engineering

N	Name and last name: Gerić D. Katarina							
						-		
Academic title:				a a la an su ank a first d'arra a su	Full Professor			
				eacher works full time and	Faculty of Technical Sciences - Novi Sad 02.12.1976			
	ntific or art f	ield [.]				nce and End	gineering Materials	
	lemic carie		Year	Institution			Field	
	lemic title e		2008	Faculty of Technical Sci	ences - Novi S			
	thesis		1997	Faculty of Technology a			Material Science and Engineering Materials	
	ster thesis		1985	Faculty of Technology a		-	Material Science and Engineering Materials	
	elor's thesis	s	1974	Faculty of Technology a	•••		Metallurgical Engineering	
				acher in the accredited stu				
		<u> </u>	,					
	ID	Course	e name			Study pro	ogramme name, study type	
1.	H106	Materi	als in Mech	anical Engineering		(H00) Meo	chatronics, Undergraduate Academic Studies	
							chanization and Construction Engineering, luate Academic Studies	
						(M30) Ene Academic	ergy and Process Engineering, Undergraduate Studies	
2.	M105	Mecha	anical Mater	ials			chnical Mechanics and Technical Design, uate Academic Studies	
						(MR0) Me	asurement and Control Engineering, uate Academic Studies	
						(P00) Production Engineering, Undergraduate Academic Studies		
3.	P2412	(P00) Production Engineering, Undergraduate Academ				duction Engineering, Undergraduate Academic		
4.	P3401				laterials	(P00) Production Engineering, Undergraduate Academic Studies		
5.	5. ZC003 Electromechanical materials (MR0) Measurement and Control Engine Undergraduate Academic Studies							
0.	20003	(ZC0) Clean Energy Technologies, Undergraduate Academic Studies						
6.	ZRI42A	treatment of metal						
7.	P2502					· · ·		
8.	PTS01	PTS01 Technology of sintering (PM0) Production Engineering, Master Academic Studies						
9.	DM214					chanical Engineering, Doctoral Academic Studies		
10.		P002 Engineering Materials				<u>, , , , , , , , , , , , , , , , , , , </u>	chanical Engineering, Doctoral Academic Studies	
11.								
Rep				num 5, not more than 10)				
1.	Vratnica, M., Pluvinage, G., Jodin, P., Cvijović, Z., Rakin, M., Burzić, Z., Gerić, K.: Notch fracture toughness of high-strength Al alloys, Materials and Design, 2013, Vol. 44, pp. 303-310, ISSN: 0261-3069.							
2.	Cvijovic Z,Vratnica M, Geric K: Fractographic analysis of fatigue damage in 7000 aluminium alloys, Journal of Microscopy, Vol 232, 2008, pp. 589-594							
3.	Stasevic, M., Maksimovic, S., Geric, K., Burzic, Z., Vasovic, I.: Fatigue crack propagation models: Numerical and experimental comparisons, Technics Technologies Education Management - TTEM, 2012, Vol. 7, No. 2, pp. 801-810, ISSN: 1840-1503.							
4.	Stašević, M., Maksimović, S., Gerić, K., Burzić, Z., Maksimović, M.: Fatigue crack growth prediction from low cycle fatigue properties, Strojarstvo, 2011, Vol. 53, No. 3, pp. 171-178, ISSN: 0562-1887.							
5.	Vratnica M, Cvijovic Z, Geric K, The role of Intermetallic Phases in Fatigue Crack Propagation Behavior of Al-Zn-Mg-Cu alloy, Material Science Forum vol. 555, 2007, pp 553-558							
6.	Gerić K., Sedmak S., Glavardanov I. : Fracture mechanics parameters of heat affected zone of high strength microalloyed steel, Metallurgy and new materials researches. Vol.II, No.1-2, 1994, 114-125							
7.	Sedmak S., Gerić K.: Evaluation of crack significance in velded joint by fracture mechanic approach, Kovine, zlitine tehnologije1-2, 32, 1998, 21-27							
8.	Gerić K, Glavardanov I, Sedmak S.: Relability and Structural integrity of advanced materials, deo J integral and Final Strech zone for crack in HSLAof Undermatched and Overmatched weldments, EMAS Publication LTD, pp. 996-1005							
9.	Gerić K.: Prsline u zavarenom spoju, monografija, Fakultet tehničkih nauka, Novi Sad, 2005.							

SITAS STUDIO UNIVERSITY OF NOVI SAD FACULTY OF TECHNICAL SCIENCES 21000 NOVI SAD, TRG DOSITEJA OBRADOVIĆA 6 Study Programme Accreditation UNDERGRADUATE ACADEMIC STUDIES Mechanization and Construction Engineering Representative refferences (minimum 5, not more than 10) Gerić K.: Fractographic Analysis, part of monograph "From fracture mechanics to structural integrity assessment", 8. International 10 fracture mechanics summer-school, Belgrade 2004, pp. 147-158 Summary data for teacher's scientific or art and professional activity: Quotation total 2 5 Total of SCI(SSCI) list papers : Current projects : Domestic : 2 International : 0



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



Study Programme Accreditation

UNDERGRADUATE ACADEMIC STUDIES

Mechanization and Construction Engineering

Nam	e and last n	ame:			Glavardanov	B. Valentin		
	emic title:				Full Professo			
Nam	e of the inst	itution v	vhere the te	acher works full time and	Faculty of Te	chnical Scie	nces - Novi Sad	
	ng date:				17.05.1990			
Scier	ntific or art f	ield:			Deformable E	Body Mecha	nics	
Acad	emic cariee	er	Year	Institution		Field		
Acad	emic title e	ection:	2008	Faculty of Technical Sci	ences - Novi S	ad	Deformable Body Mechanics	
PhD	thesis		1997	Faculty of Technical Sci	ences - Novi S	ad	Deformable Body Mechanics	
Magi	ster thesis		1995	Faculty of Mathematics	- Beograd		Deformable Body Mechanics	
Bach	elor's thesis	5	1989	Faculty of Technical Sci	ences - Novi S	ad	Deformable Body Mechanics	
List c	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.	F107	Techn	ical Mechar	nics		(F00) Gra Academic	phic Engineering and Design, Undergraduate Studies	
2.	H202	Streng	th of mater	als		, ,	chatronics, Undergraduate Academic Studies	
						Undergrad	chanization and Construction Engineering, uate Academic Studies	
3.	M204	M204 Strength of Materials				(M30) Ene Academic	ergy and Process Engineering, Undergraduate Studies	
J.	111204	Careng	Strength of Materials				chnical Mechanics and Technical Design, luate Academic Studies	
					(P00) Production Engineering, Undergraduate Academic Studies			
4.	M2412	Thoon	/ of Elastici				chnical Mechanics and Technical Design, luate Academic Studies	
4.	1012412	THEOLY		y		(P00) Prod Studies	duction Engineering, Undergraduate Academic	
5.	M4302	Biome	chanics and	d mechanics of sport			chnical Mechanics and Technical Design, luate Academic Studies	
6.	M4304	Advan	ced strengt	h of materials			chnical Mechanics and Technical Design, luate Academic Studies	
7.	M4306	Simila	rity and dim	ensional methods		(M40) Technical Mechanics and Technical Design, Undergraduate Academic Studies		
8.	M4401	Contin	uum mecha	anics		(M40) Technical Mechanics and Technical Design, Undergraduate Academic Studies		
9.	URZP14	Funda	mentals of	Mechanical Engineering			aster Risk Management and Fire Safety, luate Academic Studies	
10.	BMI128	Contin	uum Biome	chanics		(BM0) Bio Studies	medical Engineering, Undergraduate Academic	
11.	II1004	Mecha	nics and In	dustrial Engineering		(110) Indus Studies	strial Engineering, Undergraduate Academic	
12.	M44041	Dynam	nics of non-	smooth mechanical system	ms	Undergrad	chnical Mechanics and Technical Design, uate Academic Studies	
13.	M4504	Therm	al Elasticity	,		(M40) Tec Academic	chnical Mechanics and Technical Design, Master Studies	
14.	M45991	Biomechanics of cardiovascular system			(M40) Tec Academic	chnical Mechanics and Technical Design, Master Studies		
15.	DM402	Select	elected Chapters in Elasticity Theory				chanical Engineering, Doctoral Academic Studies chnical Mechanics, Doctoral Academic Studies	
16.	DM404	Select	Selected Chapters in Mechanics of Continuum		um	(M00) Me	chanical Engineering, Doctoral Academic Studies chnical Mechanics, Doctoral Academic Studies	
17.	DZ003	Select	ed Chanter	s in Mechanics				
17.	FDS143					(M00) Mechanical Engineering, Doctoral Academic Studies (F00) Graphic Engineering and Design, Doctoral Academic Studies		
19	ZRD16A	Select	ed chapters	in mechanics and elastic	ity theory		etv at Work. Doctoral Academic Studies	
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19.	ZRD16A				ity theory	Studies	phic Engineering and Design, Doctoral Acaden ety at Work, Doctoral Academic Studies	

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NN. ARO	CANTEN ST	Study F	Programme A		DN Construction Engineering	HORN CON	
Rep	presentative r	efferences (minimum 5, not more th	an 10)				
1.		., Glavardanov B.V.: Stability of a rio 15, No 2, pp 337-350,1996	gid sphere supported l	by a thin elastic co	olumn, European Journal o	f Mechanics A-	
2.	Atanackovi 130, 1996	c M.T., Glavardanov B.V.: Twisted a	axially loaded rod with	shear and compr	essibility, Acta Mechanica,	vol.119, pp 119-	
3.	V. B. Glava (2000).	rdanov and T. M. Atanackovic, Stat	pility of a pipe through	which a sring is p	oulled. Int. J. Non-Linear Mo	echanics 35, 7–20	
4.	V. B. Glava 20, 795–80	rdanov and T. M. Atanackovic, Opti 9 (2001).	imal shape of a twiste	d compressed roc	I. European Journal of Mec	chanics A-Solids,	
5.	T. M. Atana 39, 2987-29	ackovic, V. B. Glavardanov, Buckling 999 (2002)	g of a twisted and com	pressed rod. Inte	rnational Journal of Solids	and Structures,	
6.		ić, V. B. Glavardanov, Stability of a l -Transaction of the ASME, 71, 896-		lar Plate With Ela	stic Edge Support, Journal	of Applied	
7.	Valentin Gl	avardanov: Zbirka rešenih zadataka	a iz teorije elastičnosti,	FTN, Novi Sad, 2	2003.		
8.		cković, V.B. Glavardanov: "Optimal n, 28, 388-396, (2004)	shape of a heavy com	pressed column"	, Structural and Multidiscip	linary	
9.	,	V. Glavardanov and V. Mitic, Vibrat Structural Stability and Dynamics, vo	,	,	d Vertical Circular Plate, Int	ternational	
10.	Glavaradnov V, Maretic R, Stability of a twisted and compressed clamped rod, Acta Mechanica, 202, 17-33, 2009						
Sur	nmary data fo	or teacher's scientific or art and profe	essional activity:				
Quot	ation total :		2				
Tota	of SCI(SSCI) list papers :	14				
Curre	ent projects :		Domestic :	1	International :	0	



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



Study Programme Accreditation

UNDERGRADUATE ACADEMIC STUDIES

Mechanization and Construction Engineering

						.			
	e and last n	ame:			Gostimirović				
	lemic title:				Full Professo		nees Nevi Sad		
	e of the inst ng date:	itution v	vhere the te	acher works full time and	12.10.1982	chnical Scie	nces - Novi Sad		
	ntific or art f	ield [.]				r Material R	emoval Processing		
	lemic cariee		Year	Institution	Field				
	lemic title el		2011	Faculty of Technical Sci	ences - Novi S	ad	Processes for Material Removal Processing		
	thesis	000011.	1997	Faculty of Technical Sci			Processes for Material Removal Processing		
				Faculty of Technical Sci			Processes for Material Removal Processing		
	elor's thesis		1982	Faculty of Technical Sci			Processes for Material Removal Processing		
				acher in the accredited stu			· · · · · · · · · · · · · · · · · · ·		
	ID	Course	e name			Study pro	gramme name, study type		
1.	P1406	Theory	y of Machini	ing Processes		(P00)Proo Studies	duction Engineering, Undergraduate Academic		
2.	P1408	Proces	ss Database	es		(P00)Proo Studies	duction Engineering, Undergraduate Academic		
3.	P1507	Inovat	ional Techn	ologies		Studies	duction Engineering, Undergraduate Academic		
4.	P208	Techn	ology for Cu	utting Processing		(P00)Proo Studies	duction Engineering, Undergraduate Academic		
5.	P305	Nonco	nventional	Procedures in Processing		(P00)Proo Studies	Production Engineering, Undergraduate Academic s		
6.	P4410	Design and Product Functionality				(P00) Production Engineering, Undergraduate Academic Studies			
7.	M2061	Basics of Manufacturing Technologies 1				 (M20) Mechanization and Construction Engineering, Undergraduate Academic Studies (M40) Technical Mechanics and Technical Design, Undergraduate Academic Studies 			
8.	P316A	Techn	ology for Mi	crocutting Processes		(P00)Proo Studies	duction Engineering, Undergraduate Academic		
9.	P1505	Model	ling and Sin	nulation in Processing		(PM0) Production Engineering, Master Academic Studies			
10.	P1509	Highly	Productive	Processing		(PM0) Production Engineering, Master Academic Studies			
11.	P3502	Mold a	and die mac	hining technology		(PM0) Production Engineering, Master Academic Studies			
12.	P4410A	Produ	ction Desigr	า		(PM0) Production Engineering, Master Academic Studies			
13.	PP101			Processes		(PM0) Production Engineering, Master Academic Studies			
14.	DP001	Desigr Engine		arch Methods in Productic	on	(M00) Mechanical Engineering, Doctoral Academic Studies			
15.	DP002			n Forming by Material Rer	moval	(M00) Me	chanical Engineering, Doctoral Academic Studies		
16.	DP009	Artifici Remov	al Intelligen val	ce Application in Forming	by Material	<u> </u>	chanical Engineering, Doctoral Academic Studies		
17.	DP020	Formir	ng Processe			(M00) Mee	chanical Engineering, Doctoral Academic Studies		
18.	DP021	Materi	al Removal	s in Micro and Nano Form	iing by	(M00) Me	chanical Engineering, Doctoral Academic Studies		
Rep				num 5, not more than 10)					
1.	Gostimiro 2002.	ović M.,	Milikić D.: L	Ipravljanje toplotnim pojav	/ama pri obradi	i brušenjem,	Monografija, Fakultet tehničkih nauka, Novi Sad,		
2.	D. Milikić	, M. Gos	stimirović, N	 Sekulić: Osnove tehnologi 	ogije obrade re	zanjem, Fal	kultet tehničkih nauka, Novi Sad, 2008.		
3.	heat cond	duction		rojniški vestnik – Journal (ermal state in creep-feed grinding using inverse , DOI: 10.5545/sv-jme.2010.075, Slovenia, Vol		
4.	Sadhana	-Acader		ings in Engineering Scien			nization of the thermal process in machining, India, 2011., DOI: 10.1007/s12046-011-0034-4,		
5.	Gostimiro	vić M.,	Kovač P., J				rties of the workpiece material in high		

AL AL	TAS STUDIO	FACULTY OF TECHNICAL SCI	UNIVERSITY OF NC ENCES 21000 NOVI		TEJA OBRADOVIĆA 6	STUNKER ANT				
NO. NEO	ANTEN ST	, , , , , , , , , , , , , , , , , , ,	Study Programme Accreditation							
Rep	presentative r	efferences (minimum 5, not more th	an 10)							
6.		Rodić D., Pucovsky V., Savković B., ghness in face milling, Journal of In								
7.		ć M., Kovač P., Sekulić M., Škorić E Science and Technology, DOI: 10.								
8.		ć M., Kovač P., Škorić B., Sekulić M nal of Engineering and Materials Sc				nce in EDM,				
9.	Gostimirovi	ć M.: Nekonvencionalni postupci ob	orade, Fakultet tehničk	kih nauka, Novi Sa	ad, 2012.					
10.	Sekulić M., Kovač P., Gostimirović M.: Drilling cuting forces monitoring using virtual instrumentation, Central Europen Exchange Program for University Studies, Cracow University of Technology, Technical University of Košice, 2009, str. 31-36, ISBN 978-83- 7242-509-6									
Sur	mmary data fo	r teacher's scientific or art and profe	essional activity:							
Quot	tation total :		5							
Tota	I of SCI(SSCI)	list papers :	12	·						
Curre	ent projects :		Domestic :	1	International :	3				



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



Study Programme Accreditation

UNDERGRADUATE ACADEMIC STUDIES

Mechanization and Construction Engineering

Marr	o and lest	omai			Crobours	Nonad		
-	e and last n	iame:			Grahovac M.			
	emic title:			and an end of the state of the	Assistant Prot		ncos Novi Sad	
	e of the inst ng date:	litution v	vnere the te	acher works full time and	29.12.2004	unical Scle	nces - Novi Sad	
	ntific or art f	ield:			29.12.2004 Mechanics			
	emic cariee		Year	Institution	meenanica		Field	
	emic title el		2012	Faculty of Technical Sci	ences - Novi S			
	thesis		2012	Faculty of Technical Sci			Mechanics Mechanics	
			2011	Faculty of Technical Sci			Continuum Mechanics	
	ster thesis elor's thesis		2005	Faculty of Technical Sci				
		-		,			Deformable Body Mechanics	
	i courses b	eing ne	id by the tea	acher in the accredited stu	ady programme			
	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	
							ver, Electronic and Telecommunication	
2.	E104	Mecha	inics			Ū	g, Undergraduate Academic Studies	
						asurement and Control Engineering, uate Academic Studies		
3.	GG07	Mechanics 1				(G00) Civi	I Engineering, Undergraduate Academic Studies	
						(H00) Mec	chatronics, 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) Med	chatronics, Undergraduate Academic Studies	
						Undergrad	chanization and Construction Engineering, uate Academic Studies	
7.	M204	M204 Strength of Materials				(M30) Energy and Process Engineering, Undergraduate Academic Studies		
,.	101204						hnical Mechanics and Technical Design, uate 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	
J.		Diome				(E10) Power, Electronic and Telecommunication Engineering, Undergraduate Academic Studies		
10.	II1004	Mecha	nics and In	dustrial Engineering		Studies	strial Engineering, Undergraduate Academic	
11.	M44041	Dynan	nics of non-	smooth mechanical system	ms		hnical Mechanics and Technical Design, uate Academic Studies	
12.	M44061	Optimi	zation of m	echanical systems			hnical Mechanics and Technical Design, uate Academic Studies	
13.	BMIM4A	A Transport phenomena and Living systems				(BM0) Bio	medical Engineering, Master Academic Studies	
14.	M45991	Biomechanics of 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	
1-		Thee	ofimeest			(M00) Med	chanical Engineering, Doctoral Academic Studies	
17.	DTM02	ineory	/ of impact			(M40) Tec	hnical Mechanics, Doctoral Academic Studies	
						(S00) Traf	fic Engineering, Doctoral Academic Studies	



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

Street and

Study Programme Accreditation

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UNDERGRADUATE ACADEMIC STUDIES

List c	of courses b	eing held by the teacher in the accred	dited study programme	S				
	ID	Course name		Study program	me name, study type			
18.	DTM03	Biomechanical models and analysis	of impact	(M40) Technica	Mechanics, Doctoral Acad	emic Studies		
19.	ZRD16A	Selected chapters in mechanics and	l elasticity theory	(Z01) Safety at	Work, Doctoral Academic S	tudies		
Rep	oresentative	refferences (minimum 5, not more th	an 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 I	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	Mathematics with		
3.		nov V., Maretić R., Grahovac N.: Bud 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.		c N., Žigić M: Fractional derivative viso ation and its Applications, Ankara, Tu			group, 3rd IFAC Workshop	on Fractional		
6.	Internatio	Grahovac N.: Dynamical behavior of nal Congress of Serbian Society of M I/534(082)						
7.		c N., Žigić M., Spasić D.: On impact s I Differentiation and Its Applications, I			n type of dissipation, 4. IFA	C Workshop on		
8.		c N.: Generalized Zener model in the Society of Mechanics, Palić: Serbian 082)						
9.	1. Interna	Grahovac N., Spasić D.: A simplified tional Congress of Serbian Society of N 978-86-909973-0-5, UDK: 531/534(f Mechanics, Kopaonik					
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							
Sur	nmary data	for teacher's scientific or art and profe	essional activity:					
	ation total :		5					
	,	CI) list papers :	3					
Curre	ent projects	:	Domestic :	1	International :	0		



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



Study Programme Accreditation

UNDERGRADUATE ACADEMIC STUDIES

Mechanization and Construction Engineering

Nam	e and last n	ame.			Jovanović M.	Vukica		
	emic title:				Guest Profes			
Nam	e of the inst	itution v	vhere the te	acher works full time and	-			
	ng date:							
Scier	ntific or art f	ield:			Mechatronics	, Robotics a	nd Automation and Integral Systems	
Acad	emic cariee	er	Year	Institution			Field	
Acad	emic title el	ection:	2012	Faculty of Technical Sci	ences - Novi Sa	ad	Mechatronics, Robotics and Automation and Integral Systems	
PhD	PhD thesis 2010 Purdue University - We			Purdue University - Wes	st Lafayette		Mechatronics, Robotics and Automation and Intelligent Systems	
Magi	Magister thesis 2006 Faculty of Technical Sci			ences - Novi Sa	ad	Mechatronics, Robotics and Automation and Intelligent Systems		
Bach	Bachelor's thesis 2001 Faculty of Technical Sc			ences - Novi Sa	ad	Production Systems, Organization and Management		
List c	of courses b	eing he	ld by the tea	acher in the accredited stu	udy programme	s		
	ID Course name				Study pro	gramme name, study type		
1.	H105	Funda	mentals in (Computer science		(H00) Med	chatronics, Undergraduate Academic Studies	
2.	H109			Programming			chatronics, Undergraduate Academic Studies	
3.	H1409		ent System			, ,	chatronics, Undergraduate Academic Studies	
4.	H1410			application of programma	able logic		chatronics, Undergraduate Academic Studies	
5.	BMI110	contro Senso		ators in medicine		(BM0) Bio Studies	medical Engineering, Undergraduate Academic	
6.	ll1009	Automatic identification systems					strial Engineering, Undergraduate Academic	
7.	li1010						strial Engineering, Undergraduate Academic	
8.	ll1015	Progra	ammable Lo	gic Controllers (PLC)		(I10) Indus Studies	strial Engineering, Undergraduate Academic	
9.	II1029	Comp	uter integrat	ted manufacturing		(I10) Industrial Engineering, Undergraduate Academic Studies		
10.	ll1045	Syster	ms for meas	surement, surveillance and	d control	(110) Industrial Engineering, Undergraduate Academic Studies		
11.	ll1048	Artifici	al intelligen	ce in engineering		(110) Indus Studies	strial Engineering, Undergraduate Academic	
12.	IM1001	Funda	mentals of i	industrial engineering		(I20) Engi Studies	neering Management, Undergraduate Academic	
13.	IM1022	Funda	mentals of t	technical systems control		(I20) Engi Studies	neering Management, Undergraduate Academic	
10.		- undu					chanization and Construction Engineering, uate Academic Studies	
14.	IM1035	Identif	ication tech	nologies in enterprises		Studies	neering Management, Undergraduate Academic	
15.	IM1117	Comp	uter integrat	ted manufacturing (CIM)		Studies	neering Management, Undergraduate Academic	
16.	IM1719	Impler	nentation of	f information systems in in	isurance	(I20) Engir Studies	neering Management, Undergraduate Academic	
17.	HDOK2 S					(112) Indus	strial Engineering, Specialised Academic Studies	
18.	HDOS12	Research in the area of automatic identificatechnology			tion	、 ,	strial Engineering, Specialised Academic Studies	
19.	HDOS13	Motior	on control and	d application of MEMS		(112) Indus	strial Engineering, Specialised Academic Studies	
20.	HDOS14					(112) Indus	strial Engineering, Specialised Academic Studies	
21.	NIT08	Funda	mentals of	Computer Science and Int	formatics	(NIT) Industrial Engineering - Advanced Engineering Technologies, Master Academic Studies		
22.	H799	Fieldb	uses and pr	otocols		(H00) Med	chatronics, 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 c	of courses b	eing held by the teacher in the accred	lited study programme	es				
	ID	Course name		Study program	me name, study type			
23.	1907	Automated Assembly Systems for H	igh Accuracy	·	nics, Master Academic Stu on Engineering, Master Aca			
24.	IM2516	Artificial Intelligence in Engineering		(I20) Engineerin	g Management, Master Aca	ademic Studies		
25.	IM2716	Automation systems in insurance		(I20) Engineerin	g Management, Master Aca	ademic Studies		
26.	IM2721	Systems for detection, alarming and	-	(I20) Engineering Management, Master Academic Studies				
27.	HDOK12	Research in the area of automatic id technologies	entification	(H00) Mechatro	nics, Doctoral Academic St	udies		
28.	HDOK13	Motion control and the application of	MEMS	(H00) Mechatro	nics, Doctoral Academic St	udies		
29.	HDOK14	Non-industrial Automation		(H00) Mechatro	nics, Doctoral Academic St	udies		
30.	HDOK-3	Selected Chapters in Automation Sy	stems Integration	(H00) Mechatro	nics, Doctoral Academic St	udies		
31.	HDOKL3	Selected Chapters in Automation Sy	stems Integration	(H00) Mechatro	nics, Doctoral Academic St	udies		
32.	HDOL12	Research in the area of automatic id technologies	entification	(H00) Mechatro	nics, Doctoral Academic St	udies		
		technologies		(H00) Mechatro	nics, Doctoral Academic St	udies		
33.	HDOL13	Motion controla and application of M	EMS	·	Engineering / Engineering N			
				(H00) Mechatro	nics, Doctoral Academic St	udies		
34.	HDOL14	Nonindustrial automation		(120) Industrial Engineering / Engineering Management, Doctoral Academic Studies				
Rer	presentative	refferences (minimum 5, not more th	an 10)	200101017100000				
1.	Ostojić G	., Stankovski S., Tarjan L., Šenk I., Jo Engineering Courses, International Jo	vanović V.: Developr					
2.		ć V., Filipović S., Ostojić G., Stankovs nbly, Facta universitatis - series: Mech						
3.		., Lazarević M., Jovanović V., Stanko hnology , Journal for Fluid Power, Au						
4.		ki S., Ostojić G., Jovanović V., Stevar al Engineering, 2006, Vol. 4, No 1, pr				versitatis - series:		
5.	Journal fo	., Lazarević M., Jovanović V., Stanko or Fluid Power, Automation and Mech 31/33 681.523						
6.		c, V., DeAgostino, T.H., Thomas, M.B EE Annual Conference and Expositio			students to succeed in a glo	obal workplace,		
7.	Internatio	., Jovanović V., Stankovski S., Lazare nal Manufacturing Science and Engin is (ASME), 4-7 Oktobar, 2009, ISBN 9	eering Conference (N					
8.	Manufact	ć V., Savić B.: Determining the Optim uring Science and Engineering Confe 4-7 Oktobar, 2009, ISBN 9780791843	rence (MSEC), West					
9.	Product L	ć V.: An Overview of Possible Integra ifecycle Management, 4. ASME Inter : American Society of Mechanical Eng	national Manufacturing	g Science and En	gineering Conference (MSE			
10.	Education	ć V., Ncube L.: The Curriculum as a F n Project, 7. Annual ASEE Global Coll n (ASEE), 1 Januar, 2008						
Sur	nmary data	for teacher's scientific or art and profe	essional activity:					
Quot	ation total :		9					
-		CI) list papers :	1					
Curre	ent projects	:	Domestic :	1	International :	2		



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



Study Programme Accreditation

UNDERGRADUATE ACADEMIC STUDIES

Mechanization and Construction Engineering

								
	e and last n	ame:			Jović Đ. Mion			
	lemic title:				Foreign Lang			
	e of the inst ng date:	itution v	where the te	acher works full time and	Faculty of Sci 01.09.2001	ences - Nov	// Sau	
	ntific or art f	ield [.]			German			
	lemic carie		Year	Institution			Field	
	lemic title e		2005				German	
	elor's thesis		1973				German	
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.	F331	31 German Language – LSP Course 2				(F00) Graj Academic	phic Engineering and Design, Undergraduate Studies	
					(A00) Arch	nitecture, Undergraduate Academic Studies		
							nic Architecture, Technique and Design, uate Academic Studies	
						(F00) Graj Academic	phic Engineering and Design, Undergraduate Studies	
2.	NJ01Z	Germa	an Languag	e – Elementary		(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) Envir Studies	ronmental Engineering, Undergraduate Academic	
						(F00) Gra Academic	phic Engineering and Design, Undergraduate Studies	
						(G00) Civil Engineering, Undergraduate Academic Stu (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	
	NUOQ	0.0		o Dro Interrodicto		(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	
						(Z01) Safe	ety at Work, Undergraduate Academic Studies	
						(ZC0) Clea	an Energy Technologies, Undergraduate Studies	
							aster Risk Management and Fire Safety, uate Academic Studies	
						-	ronmental Engineering, Undergraduate Academic	
4.	NJ05	Germa	an Languag	e for GRID 1		(F00) Graj Academic	phic Engineering and Design, Undergraduate Studies	
5.	NJ06	Germa	an Languag	e for GRID 2		(F00) Gra Academic	phic Engineering and Design, Undergraduate Studies	



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



Study Programme Accreditation

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UNDERGRADUATE ACADEMIC STUDIES مالا من مع ما م

LIST		eing held by the teacher in the accred	ned study programme				
	ID	Course name		Study programme name, study type			
				(E20) Computing and Control Engineering, Undergraduate Academic Studies			
				(F10) Engineering Animation, Undergraduate Academic Studies			
6.	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			
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 r	na engleskom)	(Z20) Environmental Engineering, Undergraduate Academic Studies			
9.	NJ02L	Nemački jezik - niži srednji(uneti nazi	iv 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 that	an 10)				
Sur	nmary data	for teacher's scientific or art and profe	essional activity:				
Quot	ation total :						
Total	of SCI(SS	CI) list papers :					
Curre	ent projects	:	Domestic :	International :			



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



Study Programme Accreditation

UNDERGRADUATE ACADEMIC STUDIES

Mechanization and Construction Engineering

				-				
	e and last n	ame:			Juhas T. Ana			
	emic title:			and a second of the second	Assistant Pro		ncos Novi Sad	
	e of the inst ng date:	litution v	vnere the te	eacher works full time and	Faculty of Te	unnical Scle	nces - Novi Sad	
	ntific or art f	ield:			Theoretical E	lectrotechni	CS	
	emic carie		Year	Institution	medical		Field	
					ianaaa Navi Cad			
	emic title e	lection.	2010	Faculty of Technical Sci Faculty of Technical Sci			Theoretical Electrotechnics	
	thesis		2009	,				
	ster thesis		1994	School of Electrical Eng			Electrical and Computer Engineering	
	elor's thesis		1990	Faculty of Technical Sci			Electrical and Computer Engineering	
List o	of courses b	eing ne	ld by the te	acher in the accredited stu	udy programme	es I		
	ID	Course	e name			Study pro	ogramme name, study type	
1.	EE300	0 Electromagnetics				Èngineerin	er, Electronic and Telecommunication g, Undergraduate Academic Studies	
2.	EOS01	Funda	mental elec	ctrical engineering		Ènergy, Ur	ver Engineering - Renewble Sources of Electrical indergraduate Professional Studies	
3.	1087	Electrical Engineering in Industrial Engineering			ring	Studies	desy and Geomatics, Undergraduate Academic	
						Undergrad	chanization and Construction Engineering, luate Academic Studies	
	M112					Àcadémic		
4.		Electrical Engineering and Electric Machine			s	Undergrad	chnical Mechanics and Technical Design, luate Academic Studies	
						(P00)Pro Studies	duction Engineering, Undergraduate Academic	
						(S00) Trat Academic	ffic and Transport Engineering, Undergraduate Studies	
						(S01) Postal Traffic and Telecommunications, Undergraduate Academic Studies		
_						(Z01) Safety at Work, Undergraduate Academic Studies		
5.	Z107	Electri	cal Enginee	ering, Environment and Pr	otection	(Z20) Environmental Engineering, Undergraduate Academ Studies		
6.	ll1007	Funda	mental elec	trical engineering		Studies	strial Engineering, Undergraduate Academic	
						(ZC0) Clean Energy Technologies, Undergraduate Academic Studies		
7.	URZP12	Introdu	uction to ele	ectrical engineering		Undergrad	aster Risk Management and Fire Safety, uate Academic Studies	
8.	DE208S	Select	ed Chapter	s on Electromagnetic Con	npatibility	Èngineerin	ver, Electronic and Telecommunication g, Specialised Academic Studies	
9.	DE408S	Select	ed chapters	s inl electromagnetics		Èngineerin	ver, Electronic and Telecommunication g, Specialised Academic Studies	
10.	EE543	Electro	o Magnetic	Energy			er, Electronic and Telecommunication g, Master Academic Studies	
11.	H799	Fieldb	uses and p	rotocols		<u>` </u>	chatronics, Master Academic Studies	
12.	DE208	Select	ed Chapter	s on Electromagnetic Con	npatibility	Èngineerin	ver, Electronic and Telecommunication g, Doctoral Academic Studies	
13.	DE408	Select	ed Chapter	s in Electromagnetics			ver, Electronic and Telecommunication g, Doctoral Academic Studies	
Rep	oresentative	e reffere	nces (minin	num 5, not more than 10)				
1.							plifier based upon a finite number of harmonics"," 3-1625, June 2009. ISSN 0018-9480.	
2.				stić, "Signals with Flattene tions on Broadcasting, vo			ver Analysis of HFHPTA: Theory and . ISSN 0018-9316	
3.				has, "Increasing Efficienc ng, vol. 47, no. 1, pp.32-37			HPTA by Injection of Two Harmonics", IEEE	

-	TAS STU		UNIVERSITY OF NO	VI SAD		MX WX		
AN	NULL DI DI	FACULTY OF TECHNICAL SCI	ENCES 21000 NOVI	SAD, TRG DOSIT	EJA OBRADOVIĆA 6	Summer		
NO. NEO	PLANTEN ST	Study F	Programme A		DN Construction Engineering	Head		
Re	presentative r	efferences (minimum 5, not more th	an 10)					
4.		A. Juhas, M. Milutinov,." A design c ctronics and Energetics, 2009, Vol. 2				niversitatis -		
5.	L. A. Noval pp. E7-E10	k, A. Juhas, "O broju maksimuma u I, 1994.	dvočlanim složenope	iodičnim funkcijar	na: krive katastrofa", Elektr	otehnika, br. 1-2,		
6.		 Milutinov, M. Prša, "Magnetic field Proceedings of the 7th Int. Power S 						
7.		v, A. Juhas, M. Prša, "Electric and r is of the 2nd Int.I Conf. on Modern F -3323.						
8.		1. Milutinov, N. Pekarić-Nađ, "Iskust 0-77, 2011. ISSN 1820-7782	tva u primeni nacional	nih pravilnika o ne	ejonizujućim zračenjima", To	elekomunikacije,		
9.		/. Milutinov, D. Herceg, M. Prša, N. za potrebe biomagnetskih ekspreim				a kontrolisanog		
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						
Su	mmary data fo	or teacher's scientific or art and profe	essional activity:					
Quo	tation total :		5					
Tota	I of SCI(SSCI) list papers :	3	•		1		
~	ent projects :		Domestic :	1	International :	0		



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



Study Programme Accreditation

UNDERGRADUATE ACADEMIC STUDIES

Mechanization and Construction Engineering

Name startir Scien Acade	emic title: e of the inst ng date: tific or art f emic cariee emic title el		vhere the te		Full Professo	r			
startir Scien Acade Acade	ng date: tific or art fi emic cariee		where the te						
Scien Acade Acade	tific or art f emic cariee	ield:		eacher works full time and	Faculty of Technical Sciences - Novi Sad				
Acade Acade	emic cariee	ield:			01.09.1971				
Acade					Surface Engi	neering, Mic	ro and Nano Technologies		
	emic title el	er	Year	Institution			Field		
PhD t		ection:	1994	Faculty of Technical Sci	ences - Novi S	ad	Surface Engineering, Micro and Nano Technologies		
	hesis		1982	Faculty of Technical Sci	ences - Novi S	ad	Casting and Thermal Processing Technology and Surface Engineering, Micro and Nano		
Magis	ster thesis		1976	Faculty of Technical Sci	ences - Novi S	ad	Casting and Thermal Processing Technology and Surface Engineering, Micro and Nano		
Bache	elor's thesis	5	1971	Faculty of Technical Sci	ences - Novi S	ad	Mechanical Engineering		
List o	f courses b	eing hel	d by the te	acher in the accredited stu	udy programme	es			
	ID	Course	e name			Study pro	gramme name, study type		
1.	P105	Heat P	rocessing			(P00)Proo Studies	duction Engineering, Undergraduate Academic		
2.	P110	Castin	g Technolo	gy		(P00) Proo Studies	duction Engineering, Undergraduate Academic		
3.	P210	Surfac	e Engineer	ing		(P00) Prod Studies	duction Engineering, Undergraduate Academic		
4.	P211	Device Engine		ma Procedures in Mechar	nical	(P00) Proo Studies	00) Production Engineering, Undergraduate Academic dies		
5.	P2402	Desigr	ning of The	rmal Processing Technolo	gies	(P00)Proo Studies			
6.	P2403	Conter	mporary Ca	asting Technologies		(P00)Proo Studies	duction Engineering, Undergraduate Academic		
7.	P3405	Therm	al Processi	ing of Contemporary Tools	3	(P00)Proo Studies	duction Engineering, Undergraduate Academic		
8.	M2061	Basics	of Manufa	cturing Technologies 1		Undergrad	chanization and Construction Engineering, uate Academic Studies		
						(M40) Technical Mechanics and Technical Design, Undergraduate Academic Studies			
9.	P2503	Proces	s Design i	n Casting Technology		, ,	duction Engineering, Master Academic Studies		
10.	P2507	Nanote	echnologies	5		(M40) Technical Mechanics and Technical Design, Master Academic Studies			
						(PM0) Production Engineering, Master Academic Studies			
11.	PP2I11		0	neering in Medicine and Bi	<u> </u>	(PM0) Production Engineering, Master Academic Studies			
12.	SMI002		ng and sim	ulation of thermo chemica	al and	(PM0) Pro	duction Engineering, Master Academic Studies		
13.	DP001		and Rese	arch Methods in Productic	on	(M00) Mechanical Engineering, Doctoral Academic Studies			
14.	DP004	Advan	ced Techno	ologies in Casting and Hea	at Treatment	(M00) Mechanical Engineering, Doctoral Academic Studies			
15.	DP007	Proced	dures of Pla	asma Depozition		(M00) Me	chanical Engineering, Doctoral Academic Studies		
16.	DP011	Nanote	echnologie	s and Nanomaterials Form	ning	(M00) Me	chanical Engineering, Doctoral Academic Studies		
17.	DP014	Nano a	and Micro L	ayers Characterization		(M00) Me	chanical Engineering, Doctoral Academic Studies		
Rep	resentative	reffere	nces (minir	num 5, not more than 10)					
1.							heat transfer coefficient during solidification of No 9, pp. 1856-1861, ISSN 0924-0136.		
2.				M.: Tribological behavior 55, ISSN 0040-6090	of duplex coati	ng improved	by ion implantation , Thin Solid Films,, 2004,		
3.	Kakaš D. Škorić B. Gradić T. Influence of plasma nitriding on mechanical and Tribological Properties Of Steel with subsequent								
4.	Zlatanović M., Kakaš D., Mazibrada LJ., Kunosić A., Münz W.: Influence of plasma nitriding on wear performance of TiN coating , Surface and Coating Technology, 1994, Vol. 64, No 3, pp. 173-181								
5.				., Rakita M.: Microstructu 40-44, ISSN 0039-6028	ral studies of T	iN coatings	prepared by PVD and IBAD , Surface Science,		

SPS1	AS STUD		UNIVERSITY OF NOVI SAD FACULTY OF TECHNICAL SCIENCES 21000 NOVI SAD, TRG DOSITEJA OBRADOVIĆA 6								
SUUL SUUL	ALL ST		Programme A	ccreditatio	on	THE THE STATE					
Rep	CANTE UNDERGRADUATE ACADEMIC STUDIES Mechanization and Construction Engineering Representative refferences (minimum 5, not more than 10) 10										
6.	Škorić B. Kakaš D. Bakita M. Bibić N. Peruškoh D.: Structure hardness and adhesion of TiN coatings deposited by DVD and										
7.	 Kakaš D., Terek P., Kovačević L., Miletić A., Škorić B.: Influence of interfacial layer thickness and substrate roughness on adhesion of TiN coatings deposited at low temperatures by IBAD, SURF REV LETT, 2011, Vol. 18, No 3-4, pp. 83-90, ISSN 0218-625X. 										
8.		čakaš D., Ješić D., Gostimirović Μ., η, Metalurgija, 2012, Vol. 51, No 1,			nard coatings with additiona	lion					
9.		Cakaš D., Miletić A., Arsenović M., Gon Implantation, Oxidation Commur				patings with					
10.	Škorić B., Kakaš D., Gostimirović M., Miletić A.: Nanoscale modification of hard coatings with ion implantation, Materijali in tehnologije, 2011, Vol. 45, No 5, pp. 447-450, ISSN 1580-2949.										
Sun	nmary data fo	r teacher's scientific or art and profe	essional activity:								
Quot	Quotation total : 31										
Total of SCI(SSCI) list papers : 12											
Curre	ent projects :		Domestic :	2	International :	1					



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



Study Programme Accreditation

UNDERGRADUATE ACADEMIC STUDIES

Mechanization and Construction Engineering

New					Katić M. Marina				
	e and last n emic title:	ame:			Lecturer				
					Faculty of Technical Sciences - Novi Sad				
-	Name of the institution where the teacher works full time and starting date:								
	ntific or art f	ield:			01.10.2001 English				
	emic carie		Year	Institution			Field		
Acad	emic title el	ection:	2010	Faculty of Technical Sci	ences - Novi Sa	ad	English		
	er's thesis		2009	Faculty of Philology - Be			English		
	ster thesis		2006	Faculty of Philology - Be	0		Engineering Management		
	elor's thesis	3	1987	Faculty of Philosophy - I	•		English		
List c	of courses b	eing he	ld by the tea	acher in the accredited stu		S			
	ID		e name				gramme name, study type		
1.	AEJ1L	Englis	h Language	e - Elementary		(A00) Arch	nitecture, Undergraduate Academic Studies		
2.	AEJ2L			e intermediate		(A00) Arch	nitecture, Undergraduate Academic Studies		
3.	AEJ2Z	Englis	h intermedia	ate		(A00) Arch	nitecture, Undergraduate Academic Studies		
4.	AEJ3Z	Englisi	h Language	e - upper intermediate		(A00) Arch	00) Architecture, Undergraduate Academic Studies		
		L English Language – Elementary				(G00) Civi	I Engineering, Undergraduate Academic Studies		
							chanization and Construction Engineering, uate Academic Studies		
						(M30) Ene Academic	ergy and Process Engineering, Undergraduate Studies		
5.	EJ01L						chnical Mechanics and Technical Design, uate Academic Studies		
						(P00) Production Engineering, Undergraduate Academic Studies			
						(S00) Traf Academic	fic and Transport Engineering, Undergraduate 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	Englisi	h Language	e - Elementary		(Z01) Safe	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 Academic Studies			

STAS STUDIO

UNIVERSITY OF NOVI SAD

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



Study Programme Accreditation

	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
		English Language Dra Intermediate	(I20) Engineering Management, Undergraduate Academic Studies
8.	EJ02Z	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

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UNIVERSITY OF NOVI SAD

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							
			(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							
1			(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							
2 3 .	EJIM	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							

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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						
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						
			(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	NIT03 Business English (NIT) Industrial Engineering - Advanced Engineering Technologies, Master Academic Studies							
Rep	oresentative	e refferences (minimum 5, not more than 10)							

4	AS STUD		UNIVERSITY OF NO	OVI SAD		WYKHX H.		
AN A	OR COR	FACULTY OF TECHNICAL SC	ENCES 21000 NOVI	SAD, TRG DOS	TEJA OBRADOVIĆA 6			
0.26	Sec. S	Study F	Programme A	Accreditati	on	Con		
Op	LANTER	UNDERGRADUATE ACADEMIC	STUDIES M	echanization and	Construction Engineering	HO		
Rep	presentative re	efferences (minimum 5, not more th	ian 10)					
1.		ć, Kostadin Pušara, "Standardizatio 2, 2005, ISSN 1584-2665, Edition				ering Hunedoara,		
2.		tehnikama prevođenja nekih engle – Ee 2001, Novi Sad, OctNov.200		ske elektronike", 1	1th International Symposic	m on Power		
3.		erminology of E-Commerce", 7th In (Romania), Sept. 2003, CD-ROM -		m on Interdiscipli	nary Regional Research – I	SIRR 2003,		
4.	M.Katić, "Key Terms of Business Environment", PSU-UNS Int. Conference Energy and Environment, Hat Yai (Thailand), Dec. 2003, .							
5.		ć, Kostadin Pušara, "Need for E-Co nt Conference 2004, Las Vegas (U			armonization", Western Bus	iness &		
6.		ć, Kostadin Pušara, "Standardizatio esearch - ISSIR 2005, Szeged (Hu				Interdisciplinary		
7.		eregulacija u elektroprivredi sa asp e o elektrodistributivnim mrežama, s						
8.		ngleski jezik u službi međunarodno anja, Nov. 2002, pp.146-151	g menadžmenta", XII	međunarodna ko	nferencija Industrijski sister	ni – 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.							
Sur	nmary data fo	r teacher's scientific or art and prof	essional activity:					
Quot	ation total :		0					
	of SCI(SSCI)	list papers :	0	·	1			
Curre	ent projects :		Domestic :	0	International :	0		



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



Study Programme Accreditation

UNDERGRADUATE ACADEMIC STUDIES

Mechanization and Construction Engineering

	Name and last name: Kiurski S. Jel								
	Academic title: Full Profes								
		titution v	vhere the te	acher works full time and		chnical Sciences - Novi Sad			
	ng date: ntific or art f	iold:			01.12.2001 Graphic Engli	12.2001 aphic Engineering and Design			
	emic carie		Year	Institution	Graphic Engl	leening and	Field		
		-			Nevi O	1			
	emic title e	lection:	2011	Faculty of Technical Sci		ad	Graphic Engineering and Design		
	thesis		1997	Faculty of Technology -			Physical Chemistry Science		
	ster thesis		1981	Faculty of Technology -			Physical Chemistry Science		
	elor's thesi	-	1974	Faculty of Technology -			Chemist Science		
List o	of courses b	being he	ld by the te	acher in the accredited stu	udy programme	s			
	ID	Course	e name			Study pro	gramme name, study type		
1.	F103	Chemi	stry in Grap	bhic Engineering		(F00) Gra	phic Engineering and Design, Undergraduate Studies		
2.	F302	Chemi	graphy			Académic			
3.	Z102	Techn	ical Chemis	try		Studies	ronmental Engineering, Undergraduate Academic		
4.	Z109	Chemi	cal Principl	es in Environmental Engir	neering	Studies	ronmental Engineering, Undergraduate Academic		
5.	Z151	Chemistry in Mechanical 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 (ZC0) Clean Energy Technologies, Undergraduate			
6.	Z153	Chemi	stry in Engi	neering		Academic (Z01) Safe	Studies ety at Work, Undergraduate Academic Studies		
7.	Z155	Chemi	cal Principl	es in Engineering		(Z01) Safe	ety at Work, Undergraduate Academic Studies		
8.	Z600	Chemi	cal Phenon	nena in Engineering		(ZP0) Disaster Risk Management and Fire Safety, Undergraduate Academic Studies			
9.	F409	Graph	ic Environm	ient		(F00) Gra Studies	(F00) Graphic Engineering and Design, Master Academic Studies		
10.	FDS12	Select	ed Chapter	s in Chemistry		(F00) Graphic Engineering and Design, Doctoral Academic Studies			
Rep	oresentative	e reffere	nces (minin	num 5, not more than 10)					
1.	J.Janjić, 235 (199		i, "Nonflam	e Atomic Fluorescence as	a Method for N	Aercury Trac	ces Determination", Water Research, 28(1), 233-		
2.	J.Janjić,	Lj.Čonki		, J.Benak, "A Method for A earch, 31(3), 419-428 (199		eterminatio	n an a Device for Arsenic Elimination from		
3.	J.Kiurski, Polyhedr	D.Ž.Ob on, 18(5	adović, R.N 5), 741-747	larinković-Nedučin, E.Kiš (1999)	, "Spinel-Type	Structure of	Co in Conditions of HDS Catalysts Aging",		
4.							of the effect of lichens on ceramic roofing tiles by canning, 27, 113-119 (2005)		
5.				(iurski, S.Markov, R.Marin European Ceramic Societ			of lichen biocorosion on the quality of ceramic		
6.				n, G.Lomić, G.Bošković, D edron, 17(1), 27-34 (1998)		.Kiurski, P.F	Putanov, Structural and Textural Properties of the		
7.	DŽ Obadović, 1 Kiurski, R Marinković Nedučin, Electronic States of Ni/II) in Spinel Type Structure", Polyhedron, 15(20), 3631-								
8.	LS Kiurski DŽ Obadović R M Marinković Nedučin "Energies of electronic states of promoter ions in hydrodesulfurization								
9.				E Kiš, RP Marinković-Nedu 34,No.2, 359-366 (2005)	učin, "Electroni	c states of N	In(II) in the kaolinite nanostructure",		

SITAS STUDIO UNIVERSITY OF NOVI SAD FACULTY OF TECHNICAL SCIENCES 21000 NOVI SAD, TRG DOSITEJA OBRADOVIĆA 6 Study Programme Accreditation UNDERGRADUATE ACADEMIC STUDIES Mechanization and Construction Engineering Representative refferences (minimum 5, not more than 10) R.D.Mićić, R.P. Marinković-Nedučin, Z.Schay, I.Nagy, J.S. Kiurski, E.E.Kiss, «Influence of the activation temperature on structural and textural properties of NiMo/Al2O3 hydrodesulfurization catalysts», React.Kinet.Catal.Lett. 91(1), 85-92 (2007) 10 Summary data for teacher's scientific or art and professional activity: Quotation total 54 30 Total of SCI(SSCI) list papers : Current projects : Domestic : 1 International : 1



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



Study Programme Accreditation

UNDERGRADUATE ACADEMIC STUDIES

Mechanization and Construction Engineering

Name and last name: Klinar J. Ivan										
	Academic title:					Full Professor				
		itution v	whore the te	eacher works full time		Faculty of Technical Sciences - Novi Sad				
	ng date:				anu	01.02.1972				
	Scientific or art field:					Internal Com	bustion Engi	ines		
Acad	lemic caries	er	Year	Institution		•		Field		
Acad	lemic title e	lection:	1999	Faculty of Technica	al Sci	ences - Novi S	ad	Internal Combustion Engines		
PhD	thesis		1988	Faculty of Technica	al Sci	iences - Novi S	ad	Internal Combustion Engines		
Magi	ster thesis		1978	Faculty of Agricultu	ıre - N	Novi Sad		Motor Vehicles		
Bach	elor's thesis	S	1971	Faculty of Technica	al Sci	ences - Novi S	ad	Internal Combustion Engines		
List c	of courses b	eing he	ld by the te	acher in the accredite	ed sti	udy programme	es			
	ID	Course	e name				Study pro	gramme name, study type		
1.	M213	Machir	ne Usage					chanization and Construction Engin uate Academic Studies	eering,	
2.	M2418	Mecha	itronics of N	Notors and Road Ver	nicles			chanization and Construction Engin uate Academic Studies	leering,	
3.	M2523	IC Eng	jine Equipn	nent			(S00) Traf Academic	fic and Transport Engineering, Und Studies	lergraduate	
4.	S0I241	Interna	al Combusti	ion Engines			(S00) Traf Academic	fic and Transport Engineering, Und Studies	lergraduate	
5.	H2403	Equipr	ment and IC	CEngines Mechatron	ics		(H00) Mechatronics, Master Academic Studies			
6.	M2403	IC Eng	jines				(M40) Tec Academic	hnical Mechanics and Technical De Studies	esign, Master	
7.	M2547	Equipr	ment of IC e	engines and motor ve	ehicle	S	(M22) Meo Academic	chanization and Construction Engin Studies	eering, Master	
8.	M2548	Diagnostics and maintenance of IC engines and ve			s and vehicles	(M22)Meo Academic	chanization and Construction Engin Studies	eering, Master		
9.	LIM14	Monito	oring and Di	iagnostics of Transpo	ortatio	on Means	(LIM) Logistic Engineering and Management, Master Academic Studies			
10.	DM420	Select	ed Chapter	s – Internal Combust	tion (IC) Engines	(M00) Me	chanical Engineering, Doctoral Aca	demic Studies	
Rep	oresentative	e reffere	nces (minin	num 5, not more thar	ו 10)					
1.	Klinar I., No.1, p 1	Stefano 2-17, 19	vić A., Rajk 999.	ović M.: Possibilities	of pi	ston-cylinder di	agnostics of	fits of engines, Tribology in industr	y, vol.21,	
2.	Klinar I., Petroleur	Ličen H. n Confe	., Stefanovi rence, Proc	ć A., Bošnjaković S.: ceedings, A7-1-13, B	Influe ratisla	ence of special ava, 1997.	additives for	r fuel on efektiveness of engine, 38.	. International	
3.	Klinar I.: 85211-85		a eksploata	acija mašina, osnovni	i udžl	benik, Fakultet	tehničkih na	uka-Novi Sad, 2006. UDK621.8(07	5.8), ISBN86-	
4.	Klinar I.:	Motori S	SUS, osnov	ni udžbenik, Fakultet	tehn	ičkih nauka-No	vi Sad, 200	5. UDK621.43(075.8), ISBN86-852	11-47-6	
5.	Klinar I.:	Oprema	motora SL	JS, osnovni udžbenik	, Fak	ultet tehničkih	nauka-Novi	Sad, 1993. UDK621.43(075.8)		
6.	Klinar I.: ISBN86-8			atacija motora, osnov	vni uc	džbenik, Fakult	et tehničkih	nauka-Novi Sad, 2001. UDK621.43	8(075.8),	
7.	Klinar I.: UDK621.			gorivom motora SUS	, por	noćni udžbenik	(skripta), FT	N-Institut za mehanizaciju, 1991.		
8.			The realis		fane	ew thermodyna	mic cycle fo	r internal combustion engine, Thern	nal Science,	
9.				characteristics of a 530158D, ISSN 0354			t Volume Co	mbustion spark ignition engine, The	ermal Science,	
10.	10. Dorić J., Klinar I.: Efficiency of a new IC engine concept with variable piston motion, Thermal Science, 2012, doi:10.2298/TSCI110923020D, ISSN 0354-9836.									
Summary data for teacher's scientific or art and professional activity:										
	Quotation total : 0									
	of SCI(SS	, ,	apers :		3	atio :		International	0	
Current projects : Domestic :					estic :	0	International :	0		



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



Study Programme Accreditation

UNDERGRADUATE ACADEMIC STUDIES

Mechanization and Construction Engineering

NIST									
	Name and last name: Academic title:					Kostić Z. Marko			
				and a second	Associate Professor				
	e of the inst ng date:	itution v	vnere the te	eacher works full time and	15.10.1999	Eaculty of Technical Sciences - Novi Sad			
	ntific or art f	ield:			Mathematics				
	lemic carie		Year	Institution	Mathematics		Field		
	emic title el		2010	Faculty of Technical Sci	ences - Novi S	he	Mathematics		
	thesis		2010	Faculty of Sciences - No		au	Mathematical Sciences		
	ster thesis		2004	Faculty of Sciences - No			Mathematical Sciences		
	elor's thesis	<u> </u>	1999	Faculty of Sciences - No			Mathematical Sciences		
		-		acher in the accredited stu			Mathematical Ociences		
LISU		eing ne				.5			
	ID	Course	e name			Study pro	gramme name, study type		
1.	E121	Mathe	matical Ana	alysis 2			er, Electronic and Telecommunication g, Undergraduate Academic Studies		
2.	E135B	Mathe	matical Ana	alysis 2		Studies	desy and Geomatics, Undergraduate Academic		
						(E20) Con Academic	nputing and Control Engineering, Undergraduate Studies		
3.	E212	Mathe	matical Ana	alysis 1			tware Engineering and Information Technologies, uate Academic Studies		
						(SEL) Software Engineering and Information Technologies - Loznica, Undergraduate Academic Studies			
4.	EOS07	Mathematics 2					ver Engineering - Renewble Sources of Electrical ndergraduate Professional Studies		
5.	F101	Mathematics				(F00) Gran	phic Engineering and Design, Undergraduate Studies		
6.	GI107	Mathematical Analysis 1				(GI0) Geo Studies	desy and Geomatics, Undergraduate Academic		
							chanization and Construction Engineering, uate Academic Studies		
7.	M106	Matho	Mathematics 2			(M30) Ene Academic	ergy and Process Engineering, Undergraduate Studies		
/.	WITCO						hnical Mechanics and Technical Design, uate Academic Studies		
						(P00) Production Engineering, Undergraduate Academic Studies			
8.	M4202	Applie	d Mathema	tical Analysis		(M40) Technical Mechanics and Technical Design, Undergraduate Academic Studies			
9.	ISIT06	Matem	natika 2				vare and Information Technologies (Inđija), uate Professional Studies		
10.	0M501	Functi	onal Analys	is		Studies	thematics in Engineering, Master Academic		
11.	0ML501	Functi	onal Analys	is		(OM1) Ma Studies	thematics in Engineering, Master Academic		
							ver, Electronic and Telecommunication g, Specialised Academic Studies		
						(112) Indus	strial Engineering, Specialised Academic Studies		
12.	DZ01MS	Select	ed Chapter	s in Mathematics		(122) Engineering Management, Specialised Academic Studies			
					(Z00) Environmental Engineering, Specialised Academic Studies				
13.	Z506	20BAc	Ivanced Co	urse in Mathematics 1		(ZP1) Disaster Risk Management and Fire Safety, Master Academic Studies			
						(Z20) Environmental Engineering, Master Academic Studies			
14.	Z506	Viši kurs matematike 1(uneti naziv na englesk			eskom)	(Z20) Environmental Engineering, Master Academic Studies			
15.	D0M01	Functional Analysis 1				(OM1) Ma Studies	thematics in Engineering, Doctoral Academic		



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



Study Programme Accreditation

approdited study progra

UNDERGRADUATE ACADEMIC STUDIES -----

List c	of courses b	eing held by the teacher in the accred	lited study programme	S					
	ID	Course name		Study programm	ne name, study type				
16.	D0M19	Functional Analysis 2		(OM1) Mathema Studies	atics in Engineering, Doctora	I Academic			
					ectronic and Telecommunica ctoral Academic Studies	ation			
			(E20) Computing and Control Engineering, Doctoral Academic Studies						
	DZ01M			(F00) Graphic E Studies	ngineering and Design, Doc	toral Academic			
				(F20) Engineerir	ng Animation, Doctoral Acad	lemic Studies			
				(G00) Civil Engi	neering, Doctoral Academic	Studies			
				(GI0) Geodesy a	and Geomatics, Doctoral Aca	ademic Studies			
17.		Selected Chapters in Mathematics		(H00) Mechatron	nics, Doctoral Academic Stu	dies			
17.		Selected Chapters in Mathematics		(I20) Industrial E Doctoral Academ	Engineering / Engineering Ma nic Studies	anagement,			
				(M00) Mechanic	al Engineering, Doctoral Ac	ademic Studies			
			(M40) Technical Mechanics, Doctoral Academic Stud						
			(OM1) Mathematics in Engineering, Doctoral Acade Studies			I Academic			
				(S00) Traffic Eng	gineering, Doctoral Academ	ic Studies			
			(Z00) Environmental Engineering, Doctoral Acaden Studies						
				(Z01) Safety at Work, Doctoral Academic Studies					
Rep	oresentative	e refferences (minimum 5, not more th	an 10)						
1.	Kostić, M	larko, Distribution cosine functions. Ta	iiwanese J. Math. 10 (2006), no. 3, 739-	-775.				
2.	Kostić M	arko,On analytic integrated semigrou	os. Novi Sad J. Math.	35 (2005), no. 1, 1	127135.				
3.	Kostić M (2003), 7	arko,Convoluted \$C\$-cosine function: 592.	s and convoluted \$C\$-	semigroups. Bull.	Cl. Sci. Math. Nat. Sci. Mat	h. No. 28			
4.	Kostić Ma	arko, On a class of quasi-distribution s	emigroups, Novi Sad	J. Math 36 (2), 13	7-152				
5.		, P. J. Miana, Relations between distr f Mathematics 11 (2007), 531543.	ibution cosine function	s and almost-dist	ribution cosine functions, Ta	iwanese			
6.	M. Kostić	, S. Pilipović, Global convoluted semi	groups, accepted in M	ath. Nachr.					
7.		, S. Pilipović: Convoluted C-cosine fu	nctions and semigroup	s. Relations with	ultradistribution and hyperfu	nction sines,			
8.	M. Kostić	: Complex powers of operators, accept	oted in Publications De	e"I Institute Mather	matique				
9.		: C-Distribution semigroups, Studia M							
10.		: Convoluted operator families and ab	× 7.		agujevac Journal of Mathem	natics			
Sur	Summary data for teacher's scientific or art and professional activity:								
Quotation total : 32									
Total of SCI(SSCI) list papers : 15									
Curre	ent projects	· · · · · · · · · · · · · · · · · · ·	Domestic :	1	0				



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



Study Programme Accreditation

UNDERGRADUATE ACADEMIC STUDIES

Mechanization and Construction Engineering

Name and last name; Kovadé N. Ivana Academic IIII: Associate Professor Name of the institution where the teacher works full time and faining date; Faculty of Technical Sciences - Novi Sad Scientific or art Feld: Mechanics Academic III: Institution Academic III: Institution Academic III: Variation of the institution Academic III: Institution Academic III: Variation of the institution Miggister thesis 1995 Baculty of Technical Sciences - Novi Sad Mechanics Bacterior's thesis 1995 III: Course name Study programme name, study type III: Course name (F00) Graphic Engineering and Design, Undergraduate III: F107 Technical Mechanics (F00) Craphic Engineering, Undergraduate III:	N1-								
Name of the institution where the teacher works full time and starting date: Faculty of Technical Sciences - Novi Sad Scientific or at field: Mechanics Mechanics Academic tile decimol: Construction Field Academic tile decimol: 2000 Faculty of Technical Sciences - Novi Sad Mechanics Magister thesis 1999 Faculty of Technical Sciences - Novi Sad Mechanics Magister thesis 1999 Faculty of Technical Sciences - Novi Sad Mechanics Bachelor's thesis 1999 Faculty of Technical Sciences - Novi Sad Mechanics Ital of course name Course name Study programme name, study type 1. F107 Technical Mechanics (F00) Graphic Engineering, Undergraduate Academic Studies 2. GG14 Mechanics 2 (G00) Civil Engineering, Undergraduate Academic Studies 3. M103 Mechanics 2 (G00) Civil Engineering, Undergraduate Academic Studies 4. M107 Mechanics 3 (M20) Mechanization and Construction Engineering, Undergraduate Academic Studies 5. M201 Mechanics 3 (M20) Mechanization and Construction Engineering, Undergraduate Academic Studies									
starting date: 21.05.1998 Scientific or art field: Mechanics Academic carleer Year Institution Academic carleer Year Institution Academic carleer Year Institution Academic carleer Year Faculty of Technical Sciences - Novi Sad Mechanics Magister thesis 1999 Faculty of Technical Sciences - Novi Sad Mechanics Bachelor's thesis 1995 Faculty of Technical Sciences - Novi Sad Mechanics It F107 Technical Mechanics (F00) Graphic Engineering and Design, Undergraduate Academic Studies 2. GG14 Mechanics 2 (F00) Graphic Engineering, Undergraduate Academic Studies 3. M103 Mechanics 1 (YM0) Mechanization and Construction Engineering, Undergraduate Academic Studies 3. M103 Mechanics 2 (M00) Mechanization and Construction Engineering, Undergraduate Academic Studies 4. M107 Mechanics 2 (M20) Mechanization and Construction Engineering, Undergraduate Academic Studies 5. M201 Mechanics 2 (M20) Mechanization and Construction Engineering, Undergraduate Academic Studies 6. M407 Mechanics 2 (M20) Mechanization and Construction Engineering, Undergraduate Academic Studies 7. Mu04 Mechanics 3				whore the s	ophor works full these and			nces - Novi Sad	
Scientific or art field: Mechanics Field Academic tile decision: 2002 Faculty of Technical Sciences - Novi Sad Mechanics Magister thesis 2002 Faculty of Technical Sciences - Novi Sad Mechanics Magister thesis 1999 Faculty of Technical Sciences - Novi Sad Mechanics Bachelor's thesis 1995 Faculty of Technical Sciences - Novi Sad Mechanics List of courses being held by the teacher in the accredited study programmes Image: Course name Study programme name, study type 1. F107 Technical Mechanics (100) Cruit Engineering, Undergraduate Academic Studies 2. GG14 Mechanics 1 (100) Cruit Engineering, Undergraduate Academic Studies 3. M103 Mechanics 1 (100) Cruit Engineering, Undergraduate Academic Studies 3. M103 Mechanics 1 (100) Cruit Engineering, Undergraduate Academic Studies 4. M107 Mechanics 2 (100) Cruit Engineering, Undergraduate Academic Studies 5. M201 Mechanics 3 (M20) Mechanization and Construction Engineering, Undergraduate Academic Studies 6. M4017 Mechanics 3 </td <td></td> <td></td> <td>iiiution v</td> <td>vnere the te</td> <td>acher works full time and</td> <td>,</td> <td colspan="3"></td>			iiiution v	vnere the te	acher works full time and	,			
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Academic title election 2009 Faculty of Technical Sciences - Novi Sad Mechanics PhD thesis 1902 Faculty of Technical Sciences - Novi Sad Mechanics Bachelor's thesis 1996 Faculty of Technical Sciences - Novi Sad Mechanics Bachelor's thesis 1996 Faculty of Technical Sciences - Novi Sad Mechanics Ib Course name Study programme name, study type Iteration Faculty of Technical Sciences - Novi Sad 1. F107 Technical Mechanics Study programme name, study type 2. GG14 Mechanics 2 (G00) Civil Engineering, Undergraduate Academic Studies 3. M103 Mechanics 1 (M20) Mechanization and Construction Engineering, Undergraduate Academic Studies 4. M107 Mechanics 2 (M20) Mechanization and Construction Engineering, Undergraduate Academic Studies 5. M201 Mechanics 3 (M20) Mechanization and Construction Engineering, Undergraduate Academic Studies 6. M44071 Noise, Vibration and Design (M20) Mechanization and Construction Engineering, Undergraduate Academic Studies 7. DM401 Selected chapters in Analytical Mechanics				Year	Institution			Field	
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5. M201 Mechanics 3 (M30) Energy and Process Engineering, Undergraduate Academic Studies 5. M201 Mechanics 3 (M40) Technical Mechanics and Technical Design, Undergraduate Academic Studies 6. M44071 Noise, Vibration and Design (M40) Technical Mechanics and Technical Design, Undergraduate Academic Studies 7. DM401 Selected chapters in Analytical Mechanics (M00) Mechanical Engineering, Doctoral Academic Studies (M40) Technical Mechanics, Doctoral Academic Studies (M40) Technical Mechanics, Doctoral Academic Studies (M40) Technical Mechanics, Doctoral Academic Studies (M40) Technical Engineering, Doctoral Academic Studies (M40) Technical Mechanics, Doctoral Academic Studies (M40) Technical Mechanics and Technical Mechanics (Studies Studies (M40) Technical Engineering, Doc			Mechanics 3				(M20) Me		
 (M40) Technical Mechanics and Technical Design, Undergraduate Academic Studies (P00) Production Engineering, Undergraduate Academic Studies M44071 Noise, Vibration and Design (M40) Technical Mechanics and Technical Design, Undergraduate Academic Studies (M40) Technical Mechanics, Doctoral Academic Studies (M40) Technical Mechanics, Doctoral Academic Studies (M40) Technical Mechanics, Doctoral Academic Studies (OM1) Mathematics in Engineering, Doctoral Academic Studies (OM1) Mathematics in Engineering, Doctoral Academic Studies (M40) Technical Mechanics, Doctoral Academic Studies (M40) Technical Mechanics (M00) Mechanical Engineering, Doctoral Academic Studies (FDS143) Selected Chapters in Technical Mechanics (F00) Graphic Engineering and Design, Doctoral Academic Studies (F00) Graphic Engineering and Design, Doctoral Academic Studies Metod polja u neholonomoj mehanici i teoriji nelinearnih oscilacija, Fakultet tehničkih nauka, Novi Sad, 2002 Samopobudne oscilacije u procesu rezanja, Fakultet tehničkih nauka, Novi Sad, 1999 Zbirka rešenih zadataka iz Statike I, Edicija, Tehničke knjige-udžbenici" 127, Fakultet tehničkih nauka, Novi Sad, 2006. 	_						(M30) Ene	ergy and Process Engineering, Undergraduate	
Image: Selected Chapters in Analytical Mechanics (M00) Mechanical Engineering, Undergraduate Academic Studies 0. M44071 Noise, Vibration and Design (M40) Technical Mechanics and Technical Design, Undergraduate Academic Studies 7. DM401 Selected chapters in Analytical Mechanics (M00) Mechanical Engineering, Doctoral Academic Studies (OM1) Mathematics in Engineering, Doctoral Academic Studies 8. DM408 Nonlinerar Oscillations (M00) Mechanical Engineering, Doctoral Academic Studies 9. DZ003 Selected Chapters in Mechanics (M00) Mechanical Engineering, Doctoral Academic Studies 10. FDS143 Selected Chapters in Technical Mechanics (F00) Graphic Engineering and Design, Doctoral Academic Studies 11. Metod polja u neholonomnoj mehanici i teoriji nelinearnih oscilacija, Fakultet tehničkih nauka, Novi Sad, 2002 Samopoutne oscilacije u procesu rezanja, Fakultet tehničkih nauka, Novi Sad, 1999 3. Zbirka retrih zadataka iz Statike I, Edicija, Tehničke knjige-udžbenici" 127, Fakultet tehničkih nauka, Novi Sad, 2006.	5.	M201							
6. M44071 Noise, Vibration and Design Undergraduate Academic Studies 7. DM401 Selected chapters in Analytical Mechanics (M00) Mechanical Engineering, Doctoral Academic Studies 8. DM408 Nonlinerar Oscillations (M00) Mechanical Engineering, Doctoral Academic Studies 9. DZ003 Selected Chapters in Mechanics (M00) Mechanical Engineering, Doctoral Academic Studies 10. FDS143 Selected Chapters in Technical Mechanics (M00) Mechanical Engineering and Design, Doctoral Academic Studies 10. FDS143 Selected Chapters in Technical Mechanics (F00) Graphic Engineering and Design, Doctoral Academic Studies 10. FDS143 Selected Chapters in Technical Mechanics (F00) Graphic Engineering and Design, Doctoral Academic Studies 11. Metod polja u neholonomnoj mehanici i teoriji nelinearnih oscilacija, Fakultet tehničkih nauka, Novi Sad, 2002 2. 2. Samopobudne oscilacije u procesu rezanja, Fakultet tehničkih nauka, Novi Sad, 1999 3. 3. Zbirka rešenih zadataka iz Statike I, Edicija, Tehničke knjige-udžbenici" 127 , Fakultet tehničkih nauka, Novi Sad, 2006.									
7. DM401 Selected chapters in Analytical Mechanics (M40) Technical Mechanics, Doctoral Academic Studies (OM1) Mathematics in Engineering, Doctoral Academic Studies Studies 8. DM408 Nonlinerar Oscillations (M00) Mechanical Engineering, Doctoral Academic Studies (M40) Technical Mechanics, Doctoral Academic Studies 9. DZ003 Selected Chapters in Mechanics (M00) Mechanical Engineering, Doctoral Academic Studies 10. FDS143 Selected Chapters in Technical Mechanics (F00) Graphic Engineering and Design, Doctoral Academic Studies Representative refferences (minimum 5, not more than 10) 1. Metod polja u neholonomnoj mehanici i teoriji nelinearnih oscilacija, Fakultet tehničkih nauka, Novi Sad, 2002 2. Samopobudne oscilacije u procesu rezanja, Fakultet tehničkih nauka, Novi Sad, 1999 3. Zbirka rešenih zadataka iz Statike I, Edicija, Tehničke knjige-udžbenici" 127, Fakultet tehničkih nauka, Novi Sad, 2006.	6.	M44071	Noise,	Vibration a	nd Design				
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Image: Statistic in the image: Statistin the image: Statistic inter image: Statistic inter imag	7	DM401	Select	ed chanters	in Analytical Mechanics		(M40) Teo	chnical Mechanics, Doctoral Academic Studies	
8. DM408 Nonlinerar Oscillations (M40) Technical Mechanics, Doctoral Academic Studies 9. DZ003 Selected Chapters in Mechanics (M00) Mechanical Engineering, Doctoral Academic Studies 10. FDS143 Selected Chapters in Technical Mechanics (F00) Graphic Engineering and Design, Doctoral Academic Studies Representative refferences (minimum 5, not more than 10) 1. Metod polja u neholonomnoj mehanici i teoriji nelinearnih oscilacija, Fakultet tehničkih nauka, Novi Sad, 2002 2. Samopobudne oscilacije u procesu rezanja, Fakultet tehničkih nauka, Novi Sad, 1999 3. Zbirka rešenih zadataka iz Statike I, Edicija, Tehničke knjige-udžbenici" 127 , Fakultet tehničkih nauka, Novi Sad, 2006.	<i>'</i> .	DIVITOT					· · ·	thematics in Engineering, Doctoral Academic	
9. DZ003 Selected Chapters in Mechanics (M00) Mechanical Engineering, Doctoral Academic Studies 10. FDS143 Selected Chapters in Technical Mechanics (F00) Graphic Engineering and Design, Doctoral Academic Studies Representative refferences (minimum 5, not more than 10) 1. Metod polja u neholonomnoj mehanici i teoriji nelinearnih oscilacija, Fakultet tehničkih nauka, Novi Sad, 2002 2. Samopobudne oscilacije u procesu rezanja, Fakultet tehničkih nauka, Novi Sad, 1999 3. Zbirka rešenih zadataka iz Statike I, Edicija, Tehničke knjige-udžbenici" 127 , Fakultet tehničkih nauka, Novi Sad, 2006.	8.	DM408	Nonlin	erar Oscilla	tions		` '	0 0,	
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Representative refferences (minimum 5, not more than 10) 1. Metod polja u neholonomnoj mehanici i teoriji nelinearnih oscilacija, Fakultet tehničkih nauka, Novi Sad, 2002 2. Samopobudne oscilacije u procesu rezanja, Fakultet tehničkih nauka, Novi Sad, 1999 3. Zbirka rešenih zadataka iz Statike I, Edicija, Tehničke knjige-udžbenici" 127 , Fakultet tehničkih nauka, Novi Sad, 2006.							(F00) Gra		
1. Metod polja u neholonomnoj mehanici i teoriji nelinearnih oscilacija, Fakultet tehničkih nauka, Novi Sad, 2002 2. Samopobudne oscilacije u procesu rezanja, Fakultet tehničkih nauka, Novi Sad, 1999 3. Zbirka rešenih zadataka iz Statike I, Edicija, Tehničke knjige-udžbenici" 127 , Fakultet tehničkih nauka, Novi Sad, 2006.							Studies		
 Samopobudne oscilacije u procesu rezanja, Fakultet tehničkih nauka, Novi Sad, 1999 Zbirka rešenih zadataka iz Statike I, Edicija, Tehničke knjige-udžbenici" 127 , Fakultet tehničkih nauka, Novi Sad, 2006. 							akultot tob	ničkih nauka. Novi Sad. 2002	
3. Zbirka rešenih zadataka iz Statike I, Edicija, Tehničke knjige-udžbenici" 127, Fakultet tehničkih nauka, Novi Sad, 2006.									
4. Zbirka rešenih zadataka iz Statike II. Edicija Tehničke kniice-udžbenici" 128. Fakultet tehničkih nauka Novi Sad 2006	3.	3. Zbirka rešenih zadataka iz Statike I, Edicija, Tehničke knjige-udžbenici" 127, Fakultet tehničkih nauka, Novi Sad, 2006.							
	4.	4. Zbirka rešenih zadataka iz Statike II, Edicija, Tehničke knjige-udžbenici" 128, Fakultet tehničkih nauka, Novi Sad, 2006.							

Aller Contraction	TAS STUDIOR	UNIVERSITY OF NOVI SAD FACULTY OF TECHNICAL SCIENCES 21000 NOVI SAD, TRG DOSITEJA OBRADOVIĆA 6					
0.2		Study F	Programme Accreditation				
.0	LANTEN	UNDERGRADUATE ACADEMIC	STUDIES N	Aechanization	and Construction Engineering	HOU	
Re	presentative r	efferences (minimum 5, not more th	an 10)				
5.	5. Cveticanin, L., Kovacic, I., Parametrically excited vibrations of the oscillator with strong cubic negative noin-linearity, Journal of Sound and Vibration, 2007, Vol. 304, No 1-2, pp. 201-212.						
6.	Kovacic I., 40, No 3, p	Adiabatic invariants of some time-dop. 455-470.	ependent oscillators	, Journal of Ph	ysics A: Mathematical and Gen	eral, 2007, Vol.	
7.		L., Kovacic, I., On the dynamics of FIONS OF THE ASME, 2007, Vol. 7		al mass variatio	on, Journal of Applied Mechanic	CS-	
8.	Kovacic I., Adiabatic invariants of oscilltors with one degree of freedom, Journal of Sound and Vibration, 2007, Vol. 300, No 3-5, pp. 695-708.						
9.	 Kovacic I., Conservation laws of two coupled non-linear oscillators, International Journal of Non-Linear Mechanics, 2006, Vol. 41, No. 5, pp 751-760. 						
10.	10. Kovacic, I., Analysis of a weakly non-linear autonomous oscillator by means of the field method, International Journal of Nonlinear Mechanics, 2005, Vol. 40. No 5, pp 775-784.						
Su	mmary data fo	r teacher's scientific or art and prof	essional activity:				
Quot	tation total :		181				
Tota	I of SCI(SSCI)	list papers :	39				
Curr	ent projects :		Domestic :	2	International :	1	



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



Study Programme Accreditation

UNDERGRADUATE ACADEMIC STUDIES

Mechanization and Construction Engineering

Name and last name:			Kozmidis-Pet	rović E Ana				
-	emic title:	anio.			Full Professor			
		titution w	vhere the te	acher works full time and	Faculty of Technical Sciences - Novi Sad			
starting date:			01.09.1975					
Scier	ntific or art f	ield:			Physics			
Acad	emic cariee	er	Year	Institution			Field	
Acad	emic title el	lection:	1997	Faculty of Technical Sci	ences - Novi S	ad	Physics	
PhD	thesis		1984	Faculty of Sciences - No	ovi Sad		Physics	
Magi	ster thesis		1980	Faculty of Mathematics	- Beograd		Physical Science	
Bach	elor's thesis	S	1972	Faculty of Sciences - No	-		Physical Science	
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.	E103	Physics			(E10) Power, Electronic and Telecommunication Engineering, Undergraduate Academic Studies			
						(MR0) Measurement and Control Engineering, Undergraduate Academic Studies		
2.	GG06	Civil E	ngineering	Physics		(G00) Civil Engineering, Undergraduate Academic Studies		
							chanization and Construction Engineering, luate Academic Studies	
						(M30) Ene Academic	ergy and Process Engineering, Undergraduate Studies	
3.	M101	Techni	ical Physics	3			chnical Mechanics and Technical Design, luate Academic Studies	
						(P00) Pro Studies	duction Engineering, Undergraduate Academic	
							aster Risk Management and Fire Safety, luate Academic Studies	
4.	ZR440	Influen	ice of radiat	tion on health and occupa	tional safety	(Z01) Safe	ety at Work, Undergraduate Academic Studies	
5.	ZC008	Technical physics				(ZC0) Cle Academic	an Energy Technologies, Undergraduate Studies	
							ver, Electronic and Telecommunication Ig, Specialised Academic Studies	
						(112) Indu	strial Engineering, Specialised Academic Studies	
6.	DZ01FS	FS Selected Chapters in Physics			(I22) Engi Studies	neering Management, Specialised Academic		
					(Z00) Env Studies	ironmental Engineering, Specialised Academic		
7.	SZD017	Solid N	Aaterials in	the Environment		(Z00) Env Studies	ironmental Engineering, Specialised Academic	

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



Study Programme Accreditation

UNDERGRADUATE ACADEMIC STUDIES

List c	List of courses being held by the teacher in the accredited study programmes							
	ID	Course name		Study programme name, study type				
				(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				
				(G00) Civil Engineering, Doctoral Academic Studies				
				(GI0) Geodesy and Geomatics, Doctoral Academic Studies				
				(H00) Mechatronics, Doctoral Academic Studies				
8.	DZ01F	Selected Chapters in Physics		(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				
9.	FDS141	Selected Chapters in Colour Manag	ement	(F00) Graphic Engineering and Design, Doctoral Academic Studies				
10.	ZD017	Solid Materials in the Environment		(Z00) Environmental Engineering, Doctoral Academic Studies				
Rep	oresentative	e refferences (minimum 5, not more th	an 10)					
1.		trović, A. F. Petrović, V. M. Leovac, S osemicarbazone, Journal of Thermal		composition of Cu(II) complexes with salicyladehyde S- 70, 1994.				
2.	S.R. Luki glasses,	ć, D. M. Petrović, A. F. Petrović, F. Sl Journal of Materials Science Lett., 15	kuban, I.I. Turyanitsa: 	Tendency towards crystallization of Ge-As-Te system				
3.				c: Metal complex with pyrazole derived ligands. Part IV. cetyl 5(3) mathylpyrazole, Journal of Thermal Analysis, 47,				
4.		ić, D. M. Petrović, A. F. Petrović: Effe 41, 74-77, 1998.	ct of copper on condu	ctivity of amorphous AsSeylz, Journal of Non-Crystalline				
5.	Ligands.			ć, M. M.Garić: Metal Complexes with Pyrazole-derived th 3-amino-4-acetyl-5-methylpyrazole, Synth.React.Inorg.				
6.		ić, S. J. Skuban, D. M. Petrović, A. F. s-S-Se-I system, Journal of Optoelect		naracteristics of complex non-crystalline chalcogenides from aterials, 6(3), 755-768, 2004.				
7.				melts under conditions of continuous nucleation. The s & Advanced Materials, 6(4) 1167-1177, 2004.				
8.		ić, D. M. Petrović, Ž. N. Cvejić, A F. F nide Thin Films, Journal of Optoelect		nermally-induced Structural Changes in Copper-containing aterials, 3(2), 337-340, 2001.				
9.		ć, D.M. Petrović, G.R.Štrbac, A.F.Pet e20As14SxSe52-xl14, Journal of Phy		fect of sulfur atom substitute with selenium on stability of Solids 66, 1683-1686 (2005)				
10.		nidis-Petrovic, G.R.Strbac, D.D.Strbac 19, 353(2007)2014	c, Kinetics of non-isoth	ermal crystallization of chalcogenide, J.Non-Cyst.Solids,				
Sur	nmary data	for teacher's scientific or art and profe	essional activity:					
Quot	ation total :		153					
-		CI) list papers :	25					
Curre	ent projects	•	Domestic :	1 International : 0				



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



Study Programme Accreditation

UNDERGRADUATE ACADEMIC STUDIES

Mechanization and Construction Engineering

Nam	Name and last name: Ku							
	emic title:	anio.			Kulić J. Filip Associate Professor			
		itution v	vhoro tho to	acher works full time and				
	ng date:				01.09.1994			
Scier	ntific or art f	ield:			Automatic Co	ntrol and Sy	ystem Engineering	
Academic carieer Year Institution				Institution			Field	
Acad	emic title el	ection:	2008	Faculty of Technical Sci	ences - Novi S	ad	Automatic Control and System Engineering	
PhD	thesis		2003	Faculty of Technical Sci	ences - Novi S	ad	Automatic Control and System Engineering	
Magi	ster thesis		1999	Faculty of Technical Sci	ences - Novi S	ad	Automatic Control and System Engineering	
Bach	elor's thesis	S	1994	Faculty of Technical Sci	ences - Novi S	ad	Electroenergetics	
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	
		Ountry	1 0 to			(E20) Con Academic	nputing and Control Engineering, Undergraduate Studies	
1.	AU44	Contro	I Systems	Jesign			asurement and Control Engineering, luate Academic Studies	
						(E20) Con Academic	nputing and Control Engineering, Undergraduate Studies	
		Automatic Control Systems				(H00) Mea	chatronics, Undergraduate Academic Studies	
2.	E226					(MR0) Measurement and Control Engineering,		
						Undergraduate Academic Studies (SEL) Software Engineering and Information Technologies -		
							ndergraduate Academic Studies	
						(BM0) Bio Studies	medical Engineering, Undergraduate Academic	
3.	E238A	Contro	Control Systems Technology			(E20) Computing and Control Engineering, Undergraduate Academic Studies		
						(MR0) Me Undergrad	asurement and Control Engineering, luate Academic Studies	
4.	EEI302	Syster	ns of Auton	natic Control in Power Eng	nineering	(ZC0) Clean Energy Technologies, Undergraduate Academic Studies		
٦.	LLIJUZ	Oyster			gineening		er, Electronic and Telecommunication g, Undergraduate Academic Studies	
5.	H1405	Optimi	zation Meth	nods		(H00) Med	chatronics, Undergraduate Academic Studies	
6.	H302	Contro	I Systems	2		(H00) Mechatronics, Undergraduate Academic Studies		
7.	M325	Autom	atic Contro	Systems			chanization and Construction Engineering, luate Academic Studies	
8.	BMI125	Biolog	ical Control	Systems		(BM0) Bio Studies	medical Engineering, Undergraduate Academic	
					(E20) Con Academic	nputing and Control Engineering, Undergraduate Studies		
9.	E2315	Electri	cal Machine	es in Automatic Control Sy	/stems		asurement and Control Engineering, luate Academic Studies	
							er, Electronic and Telecommunication g, Undergraduate Academic Studies	
10.	EMSAU 1	Autom	atic Contro	Systems in Electronics		(E10) Power, Electronic and Telecommunication Engineering, Undergraduate Academic Studies		
11.	SEAU01	Nonlin	ear prograr	nming and evolutionary co	omputations	(SE0) Software Engineering and Information Technologies, Undergraduate Academic Studies		
12.	SEAU03	Real-ti	me control	algorithms			tware Engineering and Information Technologies, luate Academic Studies	
13.	DE410S	Select	ed Topics i	n the Field of Automatic C	ontrol		ver, Electronic and Telecommunication Ig, Specialised Academic Studies	

ASTAS STUDIO

UNIVERSITY OF NOVI SAD

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



Study Programme Accreditation

acher in the approdited study progra

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, Master Academic Studies					
14.	14. E2515	Intelligent Control Systems	(MR0) Measurement and Control Engineering, Master Academic Studies					
			(E10) Power, Electronic and Telecommunication Engineering, Master Academic Studies					
15.	M2550	Automatic Control Systems in Motor Vehicles	(M22) Mechanization and Construction Engineering, Master Academic Studies					
16.	E2532	Automatic Control Systems Project Management	(E20) Computing and Control Engineering, Master Academic Studies					
17.	SEAM01	Intelligent Control Systems	(SE0) Software Engineering and Information Technologies, Master Academic Studies					
18.	DAU007	Selected Topics in Artificial Intelligence in Control and Signal Processing	(E20) Computing and Control Engineering, Doctoral Academic Studies					
19.	DE410	Selected Topics in the Field of Automatic Control	(E10) Power, Electronic and Telecommunication Engineering, Doctoral Academic Studies					
13.			(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					
20.	SID04	Current State in the Field	(GI0) Geodesy and Geomatics, Doctoral Academic Studies					
20.	31004		(H00) Mechatronics, Doctoral Academic Studies					
			(I20) Industrial Engineering / Engineering Management, Doctoral Academic Studies					
			(M00) Mechanical Engineering, Doctoral Academic Studies					
			(OM1) Mathematics in Engineering, Doctoral Academic Studies					
			(S00) Traffic Engineering, Doctoral Academic Studies					
			(Z00) Environmental Engineering, Doctoral Academic Studies					
21.	DAU017	Selected Topics from Totally Integrated Automatic Control Systems	(E20) Computing and Control Engineering, Doctoral Academic Studies					
			(A00) Architecture, Doctoral Academic Studies					
22.	SID04	Present State in the Field	(AS0) Scenic Design, Doctoral Academic Studies					
			(Z01) Safety at Work, Doctoral Academic Studies					
Rep	oresentative	e refferences (minimum 5, not more than 10)						
1.		Kukolj, Vesna Bengin, Filip Kulić: Osnovi klasične teorije aut 1str., UDK: 681.5(075.8),	omatskog upravljanja kroz rešene probleme, Sombor, Somel,					
2.	0	Kukolj, Filip Kulić: Projektovanje sistema automatskog uprav 2str., UDK: 681.5(075.8),	rljanja u prostoru stanja, Novi Sad, Fakulet tehničkih nauka,					
3.	, see .	F.Kulić, E.Levi: Design Of The Speed Controller For Senso tive Study, Artificial Intelligence in Engineering, 2000, Vol. 4						
4.		S.Kuzmanović, E.Levi, F.Kulić: Design of Near Optimal, W I. 120, No. 1, str. 17- 34	ide Range Fuzzy Logic Controller, Fuzzy Sets and Systems,					
5.		F.Kulić, D.Popović, Z.Gorečan: Determining Topological C al Neural Network, Electric Machines and Power Systems, 2	hanges and Critical Load Levels of a Power System by Means 1997, Vol. 25, No. 8, str. 917- 926, ISSN 0731-356x.					
6.	D.Kukolj,	D.Popović, F.Kulić, Z.Gorečan: Fast Dynamic Stability Ana n Transactions on Electrical Power (ETEP), 1998, Vol. 8, No	lysis of a Power System Using Artificial Neural Networks,					
7.	D.Popovi	ć, D.Kukolj, F.Kulić: Monitoring and Assessment of Voltage Input Set, IEE ProcGener. Transm. Distrib, 1998, Vol. 14	Stability Margins Using Artificial Neural Networks with a					

SITAS STUDE UNIVERSITY OF NOVI SAD FACULTY OF TECHNICAL SCIENCES 21000 NOVI SAD, TRG DOSITEJA OBRADOVIĆA 6 **Study Programme Accreditation** UNDERGRADUATE ACADEMIC STUDIES Mechanization and Construction Engineering Representative refferences (minimum 5, not more than 10) Matić Dragan, Kulić Filip, Pineda-Sanchez Manuel, Kamenko Ilija: "Support vector machine classifier for diagnosis in electrical 8 machines: Application to broken bar", Expert Systems With Applications, vol.39 br.10, str. 8681-8689, 2012. Čongradac Velimir, Kulić Filip: "Recognition of the importance of using artificial neural networks and genetic algorithms to optimize 9 chiller operation", Energy and Buildings, vol. 47, str. 651-658; April 2012. llić Slobodan; Vukmirović Srđan; Erdeljan Aleksandar; Kulić Filip: "Hybrid Artificial Neural Network System for Short-Term Load 10 Forecasting, Thermal Science, vol.16, br., str. S215-S224, 2012 Summary data for teacher's scientific or art and professional activity: Quotation total 32 Total of SCI(SSCI) list papers : 12 Domestic : 2 International : 0 Current projects :



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



Study Programme Accreditation

UNDERGRADUATE ACADEMIC STUDIES

Mechanization and Construction Engineering

Name	e and last n	ame.			Kuzmanović I	R Siniša		
	emic title:	anic.			Full Professor			
		itution w	vhere the te	acher works full time and	Faculty of Technical Sciences - Novi Sad			
	ng date:				01.10.1975			
Scier	ntific or art f	ield:			Machine Elen	Machine Elements, Construction Principles, Machine and Mechaniz		
Academic carieer Year Institution					Field			
Acad	emic title el	ection:	1996	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		1980	Faculty of Mechanical E	ngineering - Be	eograd	Machine Elements,Construction Principles, Machine and Mechanizm Theory, Power and Motion Transfer and Eng.Communication	
Magis	ster thesis		1976	Faculty of Mechanical E	ingineering - Be	eograd	Machine Elements,Construction Principles, Machine and Mechanizm Theory, Power and Motion Transfer and Eng.Communication	
Bach	elor's thesis	S	1973	Faculty of Mechanical E	ingineering - Be	eograd	Thermal Energetics and Thermotechnics	
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	ogramme name, study type	
1.	F408		rial Design			Academic		
2.	H205	Mecah	inical Eleme	ents 1		(H00) Med	chatronics, Undergraduate Academic Studies	
3.	H208	Mecha	inical Eleme	ents 2		, ,	chatronics, Undergraduate Academic Studies	
4.	M202	M202 Mechanical Elements				 (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 		
5.	M2419	Produc	ct Developn	nent		(M20) Mechanization and Construction Engineering, Undergraduate Academic Studies		
6.	URZP14	Funda	mentals of	Mechanical Engineering		(ZP0) Disaster Risk Management and Fire Safety, Undergraduate Academic Studies		
7.	F510I1	Desigr	n of industri	al products		(F00) Gra Studies	phic Engineering and Design, Master Academic	
8.	M2654	Specifi	ic Machine	Elements of Agricultural N	Machinery	(M22)Me Academic	chanization and Construction Engineering, Master Studies	
9.	M2656		<u> </u>	of agricultural machines		(M22)Me Academic	chanization and Construction Engineering, Master Studies	
10.	DM213	Constr	ucting	ethods of Designing and N		· ,	chanical Engineering, Doctoral Academic Studies	
11.	DM215			s in Machine and Mechan	isms Theory	, <i>,</i>	chanical Engineering, Doctoral Academic Studies	
12. 13.	DOM23 FDS211		ed Chapter	nent s in Design		· /	chanical Engineering, Doctoral Academic Studies phic Engineering and Design, Doctoral Academic	
14.	FDS214	Select	ed Chapter	s in Industrial Product Mo	delling		phic Engineering and Design, Doctoral Academic	
Rep	oresentative	reffere	nces (minin	num 5, not more than 10)				
1.							I.: Thermal stability of crossed helical gears with S607-S619, doi:10.2298/TSCI120503190M.	
2.	Kuzmanc 82-4	vić, S.:	Konstruisai	nje, oblikovanje i dizajn - 1	1. deo, Fakultet	tehničkih n	auka, Novi Sad, 2006, str.357, ISBN 86-85211-	
3.	Kuzmanc 57-3	vić, S.:	Konstruisai	nje, oblikovanje i dizajn - 2	2. deo, Fakultet	tehničkih n	auka, Novi Sad, 2005, str.181, ISBN 86-85211-	
4.	Kuymanc	vić, S.:	Menadžme	nt proizvodima, Univerzite	et u Novom Sad	du, Novi Sad	d, 2007, str.301, ISBN 978-86-499-0149-0	
5.	Kuzmanc 978-86-7			ementi - oblikovanje, pror	ačun i primena	, Fakultet te	hničkih nauka, Novi Sad, 2012, str.394, ISBN	

STAS STUDIO		UNIVERSITY OF NOVI SAD						
		FACULTY OF TECHNICAL SCIENCES 21000 NOVI SAD, TRG DOSITEJA OBRADOVIĆA 6						
200000		Study Programme Accreditation						
.01	LANTEN	UNDERGRADUATE ACADEMIC S	STUDIES Me	chanization a	and Construction Engineering	e Hos		
Rep	presentative re	efferences (minimum 5, not more th	an 10)					
6.	Kuzmanovi	ć, S.: Industrijski dizajn, Fakultet ter	nnickih nauka, Novi Sa	ad, 2012, str.3	329, ISBN 978-86-7892-404-0			
7.		ć, S., Trbojević, R., Rackov, M.: Zbi N 978-86-7892-154-4	rka zadataka iz mašin	iskih elemena	ta, Fakultet tehničkih nauka, No	obi Sad, 2009,		
8.		ć, S.: Univerzalni zupčasti reduktori 6-7892-202-2	sa cilindričnim zupča	nicima, Fakul	tet tehničkih nauka, Novi Sad, 2	2009, str.231,		
9.	Kuzmanovi 86-81123-5	ć, S., Rackov, M.: Bezazorni preno 1-5	snici u vojnom mašins	stvu, Vojnoteh	nički institut, Beograd, 2012, st	r.101, ISBN 978-		
10.	 Vereš, M., Harman, B., Kuzmanović, S., Rackov, M.: Determination of the Correct Mating Cylindrical Teeth Flanks Profiles When the Path of Contact is Given, Slovak University of Technology in Bratislava, Faculty of Mechanical Engineering, Bratislava, 2009, str. 145-151, ISBN 978-80-227-3326-7 							
Sur	mmary data fo	r teacher's scientific or art and profe	essional activity:					
Quotation total :			0					
Tota	I of SCI(SSCI)	list papers :	1					
Curre	ent projects :		Domestic :	1	International :	2		



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



Study Programme Accreditation

UNDERGRADUATE ACADEMIC STUDIES

Mechanization and Construction Engineering

Nam	Name and last name: Ličen S. E					islava			
	e and last n lemic title:	anne.			Ličen S. Branislava Lecturer				
		itution w	hara tha ta	acher works full time and					
	ng date:			acher works full time allu	07.04.2005				
L	Scientific or art field:			English					
Acad	lemic cariee	r	Year	Institution			Field		
Acad	lemic title el	ection:	2012	Faculty of Technical Sci	ences - Novi Sa	ad	English		
Bach	elor's thesis	3	2009	Faculty of Philosophy - I			Philology		
List o	of courses b	eing hel	d by the tea	acher in the accredited stu	udy programme	s			
	ID	Course	e name			Study pro	gramme name, study type		
1.	AEJ1L	English	n Language	- Elementary		(A00) Arch	nitecture, Undergraduate Academic Studies		
2.	AEJ2L	English	n Language	intermediate		(A00) Arch	nitecture, Undergraduate Academic Studies		
3.	AEJ2Z	English	n intermedia	ate		(A00) Arch	nitecture, Undergraduate Academic Studies		
4.	AEJ3Z	English	n Language	- upper intermediate			nitecture, Undergraduate Academic Studies		
		-					nputing and Control Engineering, Undergraduate		
						(F10) Eng Studies	ineering Animation, Undergraduate Academic		
5.	E2110	Izborni strani jezik 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	I Engineering, Undergraduate Academic Studies		
							(M20) Mechanization and Construction Engineering, Undergraduate Academic Studies		
						(M30) Ene Academic	ergy and Process Engineering, Undergraduate Studies		
6.	EJ01L	English	n Language	– Elementary		(M40) Tec Undergrad	chnical Mechanics and Technical Design, uate Academic Studies		
						(P00) Proo 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) Graphic Engineering and Design, Undergraduate Academic Studies			
						(MR0) Measurement and Control Engineering, Undergraduate Academic Studies			
7.	EJ01Z	English	n Language	- Elementary		(Z01) Safe	ety at Work, Undergraduate Academic Studies		
						(ZC0) Clea	an Energy Technologies, Undergraduate Studies		
							aster Risk Management and Fire Safety, uate Academic Studies		
						(Z20) Envir Studies	ronmental Engineering, Undergraduate Academic		

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



Study Programme Accreditation

LANTER	UNDERGRADUATE ACADEMIC STUDIES	Mech
List of courses bei	ng held by the teacher in the accredited study pr	ogrammes

	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
8.	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
9.	EJ02Z	English Language – Pre-Intermediate	(I20) Engineering Management, Undergraduate Academic Studies
5.	L0022		(S00) Traffic and Transport Engineering, Undergraduate Academic Studies
			(S01) Postal Traffic and Telecommunications, Undergraduate Academic Studies
		English Language - Intermediate	(F00) Graphic Engineering and Design, Undergraduate Academic Studies
			(MR0) Measurement and Control Engineering, Undergraduate Academic Studies
10.	EJ03Z		(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
11.	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
12.	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

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UNIVERSITY OF NOVI SAD

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



Study Programme Accreditation

UNDERGRADUATE ACADEMIC STUDIES

List c	of courses b	eing held by the teacher in the accredited study programme	es
	ID	Course name	Study programme name, study type
			(E20) Computing and Control Engineering, Undergraduate Academic Studies
			(F10) Engineering Animation, Undergraduate Academic Studies
13.	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
14.	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
15.	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
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
			(M20) Mechanization and Construction Engineering, Undergraduate Academic Studies
24		English Languago ESD Course	(M30) Energy and Process Engineering, Undergraduate Academic Studies
24.	EJM	English Language – ESP Course	(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

ANTERS STUDIO

UNIVERSITY OF NOVI SAD

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



Study Programme Accreditation

UNDERGRADUATE ACADEMIC STUDIES

			3 3 2
List o	of courses b	eing held by the teacher in the accredited study programme	25
	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

			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
			(I10) Industrial Engineering, Undergraduate Academic Studies
35.	EJIIM	English for Specific Purposes	(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
			(E20) Computing and Control Engineering, Undergraduate Academic Studies
			(ES0) Power Software Engineering, Undergraduate Academic Studies
			(F10) Engineering Animation, Undergraduate Academic Studies
40.	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
41.	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
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
-			

S	TAS STUD		UNIVERSITY OF NO	VI SAD		UNYKHX Hav			
AN A		FACULTY OF TECHNICAL SCIENCES 21000 NOVI SAD, TRG DOSITEJA OBRADOVIĆA 6							
N. 76	2000	Study F	Programme A	ccreditatio	on	Con			
9	LANTER	UNDERGRADUATE ACADEMIC	STUDIES Me	chanization and (Construction Engineering	HO			
List o	of courses b	eing held by the teacher in the accre	dited study programme	es					
	ID	Course name		Study program	me name, study type				
45.	NIT03	Business English			Engineering - Advanced Er laster Academic Studies	ngineering			
Re	Representative refferences (minimum 5, not more than 10)								
1.	"Formal and Aesthetic Aspects of Nadine Gordimer's Short Story", Romanian Journal of English Studies, University of the West Timisoara, br. 7, 2010., str.191-198.								
2.	 "Summarization Skills of Engineering Students' Reading in a Second Language", Jezik struke, izazovi i perspektive, Univerzitet u Beogradu, 2011., str. 291-299. 								
3.		e, Ethnicity and Gender in Nadine Go USSE Conference, Pecs, 2010., str. 3		her Stories", Sele	cted Papers in Literature a	nd Culture from			
4.		the Interregnum: Nadine Gordimer's d American Studies, University of th				Conference on			
5.	"Preispitivanje istorijskog konteksta u Barnsovom romanu Floberov papagaj", Sveske, br.100, Pančevo, jun 2011., str. 69-77.								
6.		e udžbenika za stručni engleski jezik . I, 2009., str.445-454.	za studente različitog	predznanja", Jezil	k struke, teorija i praksa, Ur	niverzitet u			
7.		nastave stručnog engleskog jezika na . 170-176.	a FTN-u u Novom Sad	u", Jezik struke, te	eorija i praksa, Univerzitet u	ı Beogradu,			
8.	Zajednica	i pojedinac u delima Toni Morison u	romanima Najplavlje o	oko, Sula, Voljena	i Katreno luče, 2009.				
Su	mmary data	for teacher's scientific or art and prof	essional activity:						
	tation total :		0						
		CI) list papers :	0			1			
Curr	ent projects	:	Domestic :	0	International :	0			



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



Study Programme Accreditation

UNDERGRADUATE ACADEMIC STUDIES

Mechanization and Construction Engineering

Nor	o and last -					lyana		
	e and last n emic title:	ame:			Lončarević M			
			Assistant Professor Faculty of Technical Sciences - Novi Sad					
			01.06.2004					
	Scientific or art field:				Physics			
Acad	emic cariee	er	Year	Institution	,		Field	
Acad	emic title el	lection:	2010				Physics	
PhD	thesis		2010	Faculty of Physics - Beo	ograd		Physical Science	
Magi	ster thesis		2008	Faculty of Physics - Beo	grad		Physical Science	
Bach	elor's thesis	s	2003	Faculty of Sciences - No	ovi Sad		Physical Science	
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.	E103	Physic	s			(E10) Power, Electronic and Telecommunication Engineering, Undergraduate Academic Studies		
							asurement and Control Engineering, luate Academic Studies	
2.	. EOS06 Physics				(E01) Pow	ver Engineering - Renewble Sources of Electrical ndergraduate Professional Studies		
3.	GG06	Civil E	ngineering	Physics		(G00) Civi	il Engineering, Undergraduate Academic Studies	
4.	H101 Physics				Studies	ineering Animation, Undergraduate Academic desy and Geomatics, Undergraduate Academic		
ч.	11101	TTYSIC				Studies (H00) Mechatronics, Undergraduate Academic Studies		
5.	IAFI01 Colors and Light				(F10) Engineering Animation, Undergraduate Academic Studies			
						Undergrad (M30) Ene Academic	chanization and Construction Engineering, luate Academic Studies ergy and Process Engineering, Undergraduate Studies chnical Mechanics and Technical Design,	
6.	M101	Techn	ical Physics	3		Undergrad	duction Engineering, Undergraduate Academic	
						Studies (ZP0) Disa	aster Risk Management and Fire Safety, luate Academic Studies	
7.	ETI06	Physic	S			v	ctronics and Telecommunications, Undergraduate	
8.	ZC008	Techn	ical physics			(ZC0) Clea Academic	an Energy Technologies, Undergraduate Studies	
Rep	presentative	e reffere	nces (minin	num 5, not more than 10)				
1.				rević I., Petkovic M., Jaks e, Physical Review E, 201			tion in random sequential adsorption of extended 1-8	
2.	adsorptio	n of ext	ended obje	cts on a triangular lattice,	Physical Revie	w E, 2011, V		
3.	with cons	trained	movements	s on a triangular lattice, Ph	nysical Review	E, 2011, Vo	ation properties in a diffusive model of k-mers ol. 84, No 031109, pp. 1-13	
4.	a one-din	nension	al lattice, Jo	ournal of Statistical Mecha	nics: Theory a	nd Experime	equential adsorption of polydisperse mixtures on ent, 2010, ISSN 1742-5468	
5.	lattice, Pl	nysical F	Review E, 2	009, Vol. 80, No 2	A.: Adsorption	i, desorptior	n, and diffusion of k-mers on a one-dimensional	
6.	Random	n sequei	ntial adsorp	ac S., Lončarević I.: tion of polydisperse mixtu 3, Vol. 78, No 061603, pp.		substrates		
7.	lattice	-		ović Lj., Vrhovac S.: Simu urnal E, 2007, Vol. 24, pp			quential adsorption of mixtures on a triangular	
	, me Lu	тореан	i fiysical so	urriar L, 2007, Vol. 24, pp	. 19-20, 100N	1232-0341		



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

Study Programme Accreditation

UNDERGRADUATE ACADEMIC STUDIES

Re	presentative refferences (minimum 5, not more th	an 10)			
8.	Lončarević I., Budinski-Petković Lj., Vrhovac S , Physical Review E, 2007, Vol. 76, No 03110		sequential	adsorption of mixtures on a tria	ngular lattice
9.	Lončarević I.: Irreversible deposition of extend relaxation on discrete substrates, The Europea			73, pp. 439-445	
10.	Satarić M., Kozmidis-Luburić U., Budinski-Petk Infracellular Transport along Microtubules, Jou ISSN 1546-1955				
Su	mmary data for teacher's scientific or art and profe	essional activity:			
Quot	tation total :	0			
Tota	I of SCI(SSCI) list papers :	12			
Curr	ent projects :	Domestic :	1	International :	0



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



Study Programme Accreditation

UNDERGRADUATE ACADEMIC STUDIES

Mechanization and Construction Engineering

Nam	e and last n	ame.			Lukić J. Tibor		
	e and last n	anic.			Assistant Pro		
		itution v	vhere the te	acher works full time and			nces - Novi Sad
	ng date:				01.07.2012		
Scier	ntific or art f	ield:			Mathematics		
Acad	emic cariee	er	Year	Institution			Field
Acad	emic title el	ection:	2012	Faculty of Technical Sci	ences - Novi Sa	ad	Mathematics
PhD	thesis		2011	Faculty of Technical Sci	ences - Novi Sa	ad	Mathematics
Magi	ster thesis		2004	Faculty of Sciences - No	ovi Sad		Mathematical Sciences
Bach	elor's thesis	S	1998	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
						(E20) Con Academic	nputing and Control Engineering, Undergraduate Studies
1.	E212	Mathe	matical Ana	alysis 1			tware Engineering and Information Technologies, uate Academic Studies
						(SEL) Sof Loznica, U	tware Engineering and Information Technologies - ndergraduate Academic Studies
						(E20) Con Academic	nputing and Control Engineering, Undergraduate Studies
2.	E010	Disoro	to Mathama	atics and Lincor Alashra			asurement and Control Engineering, luate Academic Studies
۷.	E213	DISCIE	te mathema	atics and Linear Algebra			tware Engineering and Information Technologies, luate Academic Studies
							tware Engineering and Information Technologies - Indergraduate Academic Studies
3.	E221A	Mathematical Analysis 2			(E20) Con Academic	nputing and Control Engineering, Undergraduate Studies	
J.	L221A	maure		ayolo 2			asurement and Control Engineering, luate Academic Studies
4.	IAM004	Geom	etry of Disc	rete Space		(F10) Eng Studies	ineering Animation, Undergraduate Academic
							chanization and Construction Engineering, uate Academic Studies
5.	M106	Mathe	matics 2			(M30) Ene Academic	ergy and Process Engineering, Undergraduate Studies
5.	WI TOO	maure	mailo3 2				chnical Mechanics and Technical Design, luate Academic Studies
						(P00)Proo Studies	duction Engineering, Undergraduate Academic
6.	M4201	Mathe	matics 3			(M30) Ene Academic	ergy and Process Engineering, Undergraduate Studies
υ.	.017201	maane				Undergrad	chnical Mechanics and Technical Design, uate Academic Studies
7.	M4202	Applie	d Mathema	tical Analysis		Undergrad	chnical Mechanics and Technical Design, uate Academic Studies
						(Z01) Safe	ety at Work, Undergraduate Academic Studies
						(ZC0) Clea Academic	an Energy Technologies, Undergraduate Studies
8.	Z104	Mathe	matics 1				aster Risk Management and Fire Safety, luate Academic Studies
						(Z20) Envi Studies	ronmental Engineering, Undergraduate Academic



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



Study Programme Accreditation

UNDERGRADUATE ACADEMIC STUDIES

ID Course name Study programme name, study type 9. Z106 Mathematics 2 (201) Safety at Work, Undergraduate Academic St (ZC0) Clean Energy Technologies, Undergraduate Academic Studies 9. Z106 Mathematics 2 (270) Disaster Risk Management and Fire Safety, Undergraduate Academic Studies 10. E101 Discrete Mathematics (ES0) Power Software Engineering, Undergraduate Academic Studies 11. ISITO2 Mathematics 1 (ES0) Power Software Engineering, Undergraduate Academic Studies 12. Z106 Matematika 1 (uneti naziv na engleskom) (Z20) Environmental Engineering, Undergraduate Astudies 13. Z106 Matematika 2 (uneti naziv na engleskom) (Z20) Environmental Engineering, Master Acade 14. ØML503 Combinatorics and Graph Theory (OM1) Mathematics in Engineering, Master Acade 15. ØML507 Logic in computer science (DM1) Mathematics in Engineering, Master Academic Studies 16. IA022 Numerical Optimization (F20) Engineering Animation, Master Academic Studies 2 Joakin Lindblad, Nata as Sladoje, and Thor Lukic, Feature Based Defuzzication in Z2 and Z3 Using a Scale Space App Springer-Verlag, Volume 4245 of Lecture Notes in Computer Science, pp. 378-389, 2006. <th>List o</th> <th>of courses b</th> <th>eing held by the teacher in the accred</th> <th>lited study programme</th> <th>es</th> <th></th> <th></th>	List o	of courses b	eing held by the teacher in the accred	lited study programme	es				
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Current projects : Domestic : 2 International : 0	Curre	ent projects	:	Domestic :	2	International :	0		



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



Study Programme Accreditation

UNDERGRADUATE ACADEMIC STUDIES

Mechanization and Construction Engineering

Nam	e and last n	ame:			Malešev T. P	etar		
	emic title:				Associate Pro			
	Name of the institution where the teacher works full time and					ences - Novi Sad		
	starting date:				12.11.1975			
	ntific or art f	ield:				structions, 7	Fransport Systems and Logistics	
Acad	emic cariee	er	Year	Institution			Field	
Acad	emic title el	ection:	2009	Faculty of Technical Sci	ences - Novi S	ad	Machine Constructions, Transport Systems and Logistics	
PhD	thesis		1993	Faculty of Technical Sci	ences - Novi S	ad	Machine Constructions, Transport Systems and Logistics	
Magister thesis 1987 Eaculty of Technical Sciences - Novi Sad Machine Constructions, Transp						Machine Constructions, Transport Systems and Logistics		
Bach	elor's thesis	6	1975	Faculty of Technical Sci	ences - Novi S	ad	Machine Constructions, Transport Systems and Logistics	
List c	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.	H2464	Buildin	g Machines	s Mechatronics		(H00) Mea	chatronics, Undergraduate Academic Studies	
2.	M2406			Utility Machines		(M20) Me	chanization and Construction Engineering, luate Academic Studies	
3.	M315	Hydrau	ulic Transm	issions in Mechanization			chanization and Construction Engineering, luate Academic Studies	
4.	ZRI413 Occupational Safety and Protection in Workin Engineering and Utility Mechanization			king with Civil	· /	ety at Work, Undergraduate Academic Studies		
5.	M2530 Food Processing Machines 1					(M22) Mechanization and Construction Engineering, Maste Academic Studies		
6.	M2532 Packaging Machines				(M22) Me Academic	chanization and Construction Engineering, Master Studies		
7.	M2534 Food Processing Machines 2				(M22) Me Academic	chanization and Construction Engineering, Master Studies		
8.	M2542 Hydraulic Power Transmission in Mechanisati			ation 2	(M22) Mechanization and Construction Engineering, Maste Academic Studies			
9.	LIM13 Packaging Techniques and Packaging					(LIM) Logistic Engineering and Management, Master Academic Studies		
10.	DM331	Machir	nes	s in Transport and Constru			chanical Engineering, Doctoral Academic Studies	
11. 12.	DM410	Equipr	nent	-			chanical Engineering, Doctoral Academic Studies	
	DOM25			ocedures for Mobile Mach num 5, not more than 10)	ine Designing		chanical Engineering, Doctoral Academic Studies	
1.	Vladić J.,	Maleše	v P., Šosta	. ,	,		g mechanisms, STROJNIsKI VESTNIK -	
2.	P.Maleše with loade	v, J.Vla ed buck	dić, M.Plav	šić: Influence of boom cyli narodnaja naučno-tehniče	nder diameter	in the durati	ion of lifting hydraulic excavator working device tie sproitelnih mašin", Moskva, 1996. godine,	
3.	J.Vladić,	P. Male prograr	šev: Charal nme packa	teristics of modeling the t			ring machines from the aspect of the application of rt u industriji, Beograd, 1996. godine, Zbornik	
4.				dić: Primena kvazistatičke t u industriji, Beograd, 199			a ekstremnih naprezanja nosećih konstrukcija, XIII I, strane 233-238	
5.	P. Maleše strane 72		Aehnlichkei	tslehre in der Konstruktior	n, časopis "Heb	ezeuge und	d Foerdermittel", Berlin, Nr. 3, 1998. godina,	
6.				n: Experimental analysis c Inih mašin", Moskva, 19			c behaviour, Mežnarodnaja naučno-tehničeskaja a, strane 300-303	
7.	P. Maleše	ev, J.Vla		nation of hydraulic excava			s Agricultural engineering, Novi Sad, vol. V, broj	
8.	P.Maleše	v, M.Pla	avšić: Kriter		osa ugaonih br	zina pri izbo	oru hidrocilindara bagerskog uređaja, Časopis	
9.				rimene raspodela potrebn broj 5-6, 1996. godine, str		ilindrima ba	gerskog uređaja pri njihovom dimenzionisanju,	

SITAS STUDIO UNIVERSITY OF NOVI SAD FACULTY OF TECHNICAL SCIENCES 21000 NOVI SAD, TRG DOSITEJA OBRADOVIĆA 6 Study Programme Accreditation UNDERGRADUATE ACADEMIC STUDIES Mechanization and Construction Engineering Representative refferences (minimum 5, not more than 10) P.Malešev, M.Plavšić, Z.Ristić: Ocena efikasnosti standardima definisanih pokazatelja u vezi mogućnosti razvijanja sila rezanja 10 kod hidrauličnih bagera, Časopis Tehnika, Beograd, broj 11-12, 1991. godine, strane 755-758 Summary data for teacher's scientific or art and professional activity: Quotation total 0 Total of SCI(SSCI) list papers : 1 Current projects : Domestic : 0 International : 0



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



Study Programme Accreditation

UNDERGRADUATE ACADEMIC STUDIES

Mechanization and Construction Engineering

Academic stille: Associate Professor Name of the institution where the teacher works full time and faculty of technical Sciences - Novi Sad Scientific or at field: Power Electronics, Machines and Facilities Reademic carling date: Field Academic carling: 10.4.2007 Field Academic carling: 10.9.2006 School of Electrical Engineering - Beograd Power Electronics, Machines and Facilities Academic carling: 10.90 School of Electrical Engineering - Beograd Power Electronics, Machines and Facilities Babter risis 10.90 School of Electrical Engineering - Beograd Power Electronics, Machines and Facilities Ist of courses being held by the teacher in the accredited study programme Study programme name, study type 1. E133 Power Converters Study programme name, study type 2. EE308 Power Electronics 2 (MR0) Measurement and Control Engineering, Undergraduate Academic Studies 3. EOS14 Laboratory from electrical machines (E01) Power Electronic and Telecommunication Engineering, Undergraduate Academic Studies 6. F203 Electrical Machines (F00) Conver Electronic and Control Engineering, Undergraduate Academic Studies 7. <th>Name</th> <th>e and last n</th> <th>ame:</th> <th></th> <th></th> <th>Marčetić P. D</th> <th>arko</th> <th></th>	Name	e and last n	ame:			Marčetić P. D	arko		
Name of the institution where the teacher works full time and starting date: Faculty of Technical Sciences - Novi Sad Scientific or an field: 0.04.2007 Academic tile decision: 2016 Academic tile decision: 2016 Academic tile decision: 2017 Prover Field Academic tile decision: 2016 School of Electrical Engineering - Beograd Power Electronics, Machines and Facilities Bachelor's thesis 1998 School of Electrical Engineering - Beograd Power Electronics, Machines and Facilities Bachelor's thesis 1998 School of Electrical Engineering - Beograd Power Electronics, Machines and Facilities List of courses being held by the teacher in the accredited study programmes Electronics List of courses being held by the teacher in the accredited study programme name, study type (MR0) Measurement and Contro Engineering. Undergraduate Academic Studies 1. E133 Power Electronics 2 Electronics and Teacommucation Engineering. Undergraduate Academic Studies 2. EE308 Power Electronics 2 Electronics and Teacommucation Engineering. Undergraduate Academic Studies 3. EOS14 Laboratory from e	-								
starting date:	Name	e of the inst	itution v	vhere the te	acher works full time and	Faculty of Tee	chnical Scie	nces - Novi Sad	
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12. EE534 Special Electric Motor Drives Engineering, Master Academic Studies 13. EE537 Special Electrical Machines (E10) Power, Electronic and Telecommunication Engineering, Master Academic Studies 14. DE109 Selected Chapters in Electromotive Drives (E10) Power, Electronic and Telecommunication Engineering, Doctoral Academic Studies 15. DE409 Modern Methods of Digital Control of Drives and Converters (E10) Power, Electronic and Telecommunication Engineering, Doctoral Academic Studies Representative refferences (minimum 5, not more than 10) 1. Marčetić D., Adžić E.: Improved Three-Phase Current Reconstruction for Induction Motor Drives With DC-Link Shunt, IEEE Transaction on Industrial Electronics, 2010, Vol. 57, No 7, pp. 1-9, ISSN 0278-0046 2 Marčetić D., Vukosavic S.: Speed Sensorless AC Drives with the Rotor Time Constant Parameter Update, IEEE Transaction on	11.	EE524			ation of Power Converters	s with	Èngineerin	g, Master Academic Studies	
13. EE537 Special Electrical Machines Engineering, Master Academic Studies 14. DE109 Selected Chapters in Electromotive Drives (E10) Power, Electronic and Telecommunication Engineering, Doctoral Academic Studies 15. DE409 Modern Methods of Digital Control of Drives and Converters (E10) Power, Electronic and Telecommunication Engineering, Doctoral Academic Studies 15. DE409 Modern Methods of Digital Control of Drives and Converters (E10) Power, Electronic and Telecommunication Engineering, Doctoral Academic Studies Network Section Digital Control of Drives and Converters 15. Madem Methods of Digital Control of Drives and Converters Center Section Drives With Dectoral Academic Studies Not more than 10) 1. Marčetić D., Adžić E.: Improved Three-Phase Current Reconstruction for Induction Motor Drives With DC-Link Shunt, IEEE Transaction on Industrial Electronics, 2010, Vol. 57, No 7, pp. 1-9, ISSN 0278-0046 2 Marčetić D., Vukosavic S.: Speed Sensorless AC Drives with the Rotor Time Constant Parameter Update, IEEE Transaction on Industrial Electronics	12.	EE534	Specia	al Electric M	otor Drives		Èngineerin	ig, Master Academic Studies	
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15. DE409 Modern Methods of Digital Control of Drives and Converters (E10) Power, Electronic and Telecommunication Engineering, Doctoral Academic Studies Representative refferences (minimum 5, not more than 10) 1. Marčetić D., Adžić E.: Improved Three-Phase Current Reconstruction for Induction Motor Drives With DC-Link Shunt, IEEE Transaction on Industrial Electronics, 2010, Vol. 57, No 7, pp. 1-9, ISSN 0278-0046 2 Marčetić D., Vukosavic S.: Speed Sensorless AC Drives with the Rotor Time Constant Parameter Update, IEEE Transaction on	14.	DE109	Select	ed Chapter	s in Electromotive Drives		Èngineerin	g, Doctoral Academic Studies	
1. Marčetić D., Adžić E.: Improved Three-Phase Current Reconstruction for Induction Motor Drives With DC-Link Shunt, IEEE Transaction on Industrial Electronics, 2010, Vol. 57, No 7, pp. 1-9, ISSN 0278-0046 2 Marčetić D., Vukosavic S.: Speed Sensorless AC Drives with the Rotor Time Constant Parameter Update, IEEE Transaction on	15.	DE409			of Digital Control of Drives	s and	(E10) Pow	ver, Electronic and Telecommunication	
Image: Transaction on Industrial Electronics, 2010, Vol. 57, No 7, pp. 1-9, ISSN 0278-0046 2 Marčetić D., Vukosavic S.: Speed Sensorless AC Drives with the Rotor Time Constant Parameter Update, IEEE Transaction of Constant Parameter Update, IEEE Transacticon of Constant Parameter Update, IEEE Transaction of Constant Par	Rep	oresentative	reffere	nces (minin	num 5, not more than 10)			- -	
2 Marčetić D., Vukosavic S.: Speed Sensorless AC Drives with the Rotor Time Constant Parameter Update, IEEE Transaction of	Ť	Marčetić	D., Adži	ić E.: Impro	ved Three-Phase Current				
² Industrial Electronics, 2007, Vol. 54, No 5, pp. 2618-2625 , ISSN <span class="skype_pnh_</td"><td>2.</td><td>Marčetić</td><td>D., Vuk</td><td>osavic S.: S</td><td>peed Sensorless AC Driv</td><td>es with the Rot</td><td>or Time Co</td><td>nstant Parameter Update, IEEE Transaction on</td>	2.	Marčetić	D., Vuk	osavic S.: S	peed Sensorless AC Driv	es with the Rot	or Time Co	nstant Parameter Update, IEEE Transaction on	



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



Study Programme Accreditation

UNDERGRADUATE ACADEMIC STUDIES M

Re	presentative refferences (minimum 5, not more th	an 10)				
3.	Marčetić D., Krcmar I., Matic P.: Discrete Roto Fundamental Frequency Ratio, International R				Low Sampling to 804-3813.	
4.	Porobić V., Adžić E., Marčetić D.: High Speed International Review of Electrical Engineering				prrection,	
5.	Tomić J., Kušljević M., Marčetić D.: An Adaptiv Use Standard 1459-2000 , IEEE Transactions		lethod for Power	Measurements According t	o the IEEE Trial-	
6.	Vasić V., Marčetić D., Jeftenić B., Vladan J.: S Time Constant Identification, IET ELECTR PO				ower with Rotor	
7.	Vasić V., Marčetić D., Oros Đ.: Prediction of Lo journal for computation and mathematics in ele				The international	
8.	Oros Đ., Vasić V., Marčetić D., Kulić F.: Influen Journal of Advances in Electrical and Compute					
9.	Oros Đ., Vasić V., Marčetić D.: NFO sensorles Power Components	s induction motor driv	e with on-line sta	tor resistance parameter up	odate, Electric	
10.	Kušljević M., Tomić J., Marčetić D.: Active pow conditions and wide-range frequency deviation			system signals under non-si	nusoidal	
Su	mmary data for teacher's scientific or art and profe	essional activity:				
Quo	Quotation total : 0					
Tota	l of SCI(SSCI) list papers :	10		_		
Curr	ent projects :	Domestic :	1	International :	0	



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



Study Programme Accreditation

UNDERGRADUATE ACADEMIC STUDIES

Mechanization and Construction Engineering

starting date: Scientific or art field: Academic carieer Yr Academic title election: 20 PhD thesis 19 Magister thesis 19 Bachelor's thesis 19 List of courses being held by ID Course na 1. A237 Material R		18.05.1993 Deformable B iences - Novi Sa iences - Novi Sa iences - Novi Sa iences - Novi Sa	r chnical Scier Body Mechar ad ad ad ad ad ss Study pro (A00) Arch (M20) Mec Undergrad	nces - Novi Sad nics Field Deformable Body Mechanics Deformable Body Mechanics Deformable Body Mechanics Deformable Body Mechanics gramme name, study type nitecture, Undergraduate Academic Studies chanization and Construction Engineering, uate Academic Studies	
Name of the institution when starting date:Scientific or art field:Academic carieerYaAcademic title election:20PhD thesis19Magister thesis19Bachelor's thesis19List of courses being held bit191.A237Material R	Year Institution 009 Faculty of Technical Sci 997 Faculty of Technical Sci 993 Faculty of Technical Sci 987 Faculty of Technical Sci 997 Faculty of Technical Sci 987 Faculty of Technical Sci 997 the teacher in the accredited stu ame Resistance	Faculty of Teo 18.05.1993 Deformable B ences - Novi Sa ences - Novi Sa ences - Novi Sa ences - Novi Sa	ad ad ad ss Study pro (A00) Arch (M20) Mec Undergrad	nics Field Deformable Body Mechanics Deformable Body Mechanics Deformable Body Mechanics Deformable Body Mechanics gramme name, study type nitecture, Undergraduate Academic Studies chanization and Construction Engineering,	
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			(M20) Meo Undergrad	chanization and Construction Engineering,	
2. M204 Strength o	of Materials		Undergrad		
2. M204 Strength o	of Materials		(M30) Fne		
2. M204 Strength 0			Academic \$	ergy and Process Engineering, Undergraduate Studies	
				hnical Mechanics and Technical Design, uate Academic Studies	
			(P00) Production Engineering, Undergraduate Academic Studies		
3. M4305 Thermome	lechanics			hnical Mechanics and Technical Design, uate Academic Studies	
4. URZP14 Fundamer	ntals of Mechanical Engineering			aster Risk Management and Fire Safety, uate Academic Studies	
			(Z01) Safe	ety at Work, Undergraduate Academic Studies	
5. Z108 Fundamer	ntals of Mechanics		(ZC0) Clean Energy Technologies, Undergraduat Academic Studies		
			(Z20) Envir Studies	ronmental Engineering, Undergraduate Academic	
6. BMI127 Biomecha	anics		(BM0) Bior Studies	medical Engineering, Undergraduate Academic	
				er, Electronic and Telecommunication g, Undergraduate Academic Studies	
7. II1004 Mechanics	s and Industrial Engineering		(I10) Indus Studies	strial Engineering, Undergraduate Academic	
8. M44051 Theory of	Plates and Shells			hnical Mechanics and Technical Design, uate Academic Studies	
9. M4501 Industrial I	Design		(M40) Tec Academic S	hnical Mechanics and Technical Design, Master Studies	
10. M4505 Modelling	of non-linear systems		(M40) Tec Academic S	hnical Mechanics and Technical Design, Master Studies	
			(M00) Med	chanical Engineering, Doctoral Academic Studies	
11. DM403 Mathemati	tical Rod Theory			hnical Mechanics, Doctoral Academic Studies	
	-		(OM1) Ma Studies	thematics in Engineering, Doctoral Academic	
12. ZRD16A Selected of	chapters in mechanics and elastic	city theory	(Z01) Safe	ety at Work, Doctoral Academic Studies	
Representative refferences	es (minimum 5, not more than 10)				
	rdanov and V. Milosevic-Mitic: Tra I of Structural Stability and Dynam			bility of a heavy and heated vertical circular plate. 1.	
	Maretic and N. Grahovac: Buckling s A/Solids, 2009, 28, 131- 140.	g of a twisted a	nd compres	sed rod supported by Cardan joints. European	
3. V. Glavardanov and	R. Maretic: Stability of a twisted a	and compressed	d clamped ro	od. Acta Mechanica, 2009, 202, 17-33.	
4. R. Maretic and V. Gla Sound and Vibration	lavardanov: Impact of mounting w	vith an overlap o	on vibration a		

4	TAS STUR		UNIVERSITY OF NO	OVI SAD		NUKNX 4
AND AND	NOR CON	FACULTY OF TECHNICAL SCI	ENCES 21000 NOV	OSITEJA OBRADOVIĆA 6	STATE	
27	Construction of the	Study F	Programme /	Accredit	ation	E F S
6	PLANTER	UNDERGRADUATE ACADEMIC	STUDIES M	echanization	and Construction Engineering	AO8.
Re	presentative re	efferences (minimum 5, not more th	an 10)			
5.		V. Glavardanov and D. Radomirovi 2007, 42, 537- 546.	c: Asymmetric vibrati	ons and stabi	lity of a rotating annular plate lo	aded by a torque.
6.	R. Maretic, 467-478.	2005, "Transverse vibration and sta	ability of an eccentric	rotating circul	lar plate", Journal of Sound and	Vibration 280,
7.		ic, V. B. Glavardanov, 2004, "Stabil Transactions of the ASME, 71, 897		ted Circular P	late with Elastic Support", Journ	al of Applied
8.		ic and T. M. Atanackovic, 2001, Jou Elastic Half-Space.	urnal of Engineering I	Mechanics Vo	l 127, 242-247, Buckling of Colu	umn with Base
9.	L. Cvetican	in, R. Maretic, 2000., Mechanism a	nd Machine Theory 3	5, 1391-1411	. Dynamic analysis of a cutting i	mechanism.
10.	T.M. Atanackovic, R.B. Maretic, J.M. Milidragovic, 1999, Archive of Applied Mechanics 69, 94-104, On the stability of an elastic column positioned on an elastic half space.					
Su	Summary data for teacher's scientific or art and professional activity:					
Quo	Quotation total : 25					
Tota	I of SCI(SSCI)	list papers :	14	_		
Current projects :			Domestic :	1	International :	0



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



Study Programme Accreditation

UNDERGRADUATE ACADEMIC STUDIES

Mechanization and Construction Engineering

Name and last name: Marić B. Branislav Academic title: Associate Professor Name of the institution where the teacher works full time and starting date: Faculty of Technical Sciences - Novi Sad O1.10.2009 O1.10.2009 Scientific or art field: Production Systems, Organization and Management Academic carieer Year Institution Academic title election: 2011 Faculty of Technical Sciences - Novi Sad PhD thesis 1995 Faculty of Technical Sciences - Novi Sad Production Systems, Organization Management Marie title election: 2011 Faculty of Technical Sciences - Novi Sad Production Systems, Organization PhD thesis 1995 Faculty of Technical Sciences - Novi Sad Organization Science Magister thesis 1992 Faculty of Technical Sciences - Novi Sad Organization Science Bachelor's thesis 1977 Faculty of Technical Sciences - Novi Sad Organization Science List of courses being held by the teacher in the accredited study programmes Indergraduate Academic Studies Indergraduate Academic Studies 1. 1914 Project Management (Gi0) Geodesy and Geomatics, Undergraduate Academic Studies 2. M317 <td< th=""><th>jineering,</th></td<>	jineering,
Name of the institution where the teacher works full time and starting date: Faculty of Technical Sciences - Novi Sad Scientific or art field: Production Systems, Organization and Management Academic carieer Year Institution Field Academic title election: 2011 Faculty of Technical Sciences - Novi Sad Production Systems, Organization and Management Macademic title election: 2011 Faculty of Technical Sciences - Novi Sad Production Systems, Organization Management PhD thesis 1995 Faculty of Technical Sciences - Novi Sad Organization Science Magister thesis 1992 Faculty of Technical Sciences - Novi Sad Organization Science Bachelor's thesis 1977 Faculty of Technical Sciences - Novi Sad Organization Science List of courses being held by the teacher in the accredited study programmes Study programme name, study type 1. 1914 Project Management (M20) Mechanization and Construction Enginulate Academic Studies 2 M317 Economy (Gl0) Geodesy and Geomatics, Undergradu	jineering,
Sale of the second of the sec	jineering,
Scientific or art field: Production Systems, Organization and Management Academic carieer Year Institution Field Academic title election: 2011 Faculty of Technical Sciences - Novi Sad Production Systems, Organization Management PhD thesis 1995 Faculty of Technical Sciences "Mihajlo Pupin" in Zrenjanin - Zrenjanin - Zrenjanin - Zrenjanin - Zrenjanin Organization Science Magister thesis 1992 Faculty of Technical Sciences - Novi Sad Organization Science Bachelor's thesis 1977 Faculty of Technical Sciences - Novi Sad Organization Science List of courses being held by the teacher in the accredited study programmes Study programme name, study type 1 1 I914 Project Management (M20) Mechanization and Construction Englin Undergraduate Academic Studies 2 M317 Economy Gi0) Geodesy and Geomatics, Undergradu	jineering,
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PhD thesis 1995 Faculty of Technical Sciences "Mihajlo Pupin" in Zrenjanin - Zrenjanin Organization Science Magister thesis 1992 Faculty of Technical Sciences - Novi Sad Organization Science Bachelor's thesis 1977 Faculty of Technical Sciences - Novi Sad Organization Science List of courses being held by the teacher in the accredited study programmes ID Course name Study programme name, study type 1. I914 Project Management (M20) Mechanization and Construction Engly Undergraduate Academic Studies 2 M317 Economy Forgeneration	_
Magister thesis 1992 Faculty of Technical Sciences - Novi Sad Organization Science Bachelor's thesis 1977 Faculty of Technical Sciences - Novi Sad Organization Science 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. I914 Project Management (M20) Mechanization and Construction Englight 2 M317 Economy Foronomy	_
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Image: Project Management Undergraduate Academic Studies 2 M317 Economy	_
2 M317 Economy	Jate Academic
(M40) Technical Mechanics and Technical I	
Undergraduate Academic Studies	-
3. II121 Principles of economics (SII) Software and Information Technologies Undergraduate Professional Studies	
4. IM1014 Company Economics (110) Industrial Engineering, Undergraduate Studies	Academic
(I20) Engineering Management, Undergradu Studies	uate Academic
5. IM1027 Production systems (120) Engineering Management, Undergradu Studies	
(MR0) Measurement and Control Engineerin Undergraduate Academic Studies	
6. IM1102 Investment Management (I20) Engineering Management, Undergradu Studies	uate Academic
7. IM1419 Strategic resource allocation and planning (I20) Engineering Management, Undergradu Studies	uate Academic
(112) Industrial Engineering, Specialised Aca	
8. IMDS63 Intelligent Organisation (122) Engineering Management, Specialised Studies	ל Academic
9. IMDS88 Planning and implementing cost structure of the investment cycle (122) Engineering Management, Specialised Studies	
10. MBA303 Economics for Managers (IB0) Engineering Management - MBA, Spe Professional Studies	cialised
11. LIM33 Logistic Economics (LIM) Logistic Engineering and Managemen Academic Studies	
(110) Industrial Engineering, Master Academ Manufacturing strategy (KAIZEN, LEAN, KANBAN, (M50) Fearmy Management Master Academ	
(MSO) Energy Management, Master Academ	
(I20) Engineering Management, Master Acad	
13. IM2103 New technologies in engineering and management (110) Industrial Engineering, Master Academ	nic Studies
(I20) Engineering Management, Master Acad	
14. IM2122 The rating company profitability (I20) Engineering Management, Master Acad	
15. IM2414 Technical Analyses and the Trading Systems (I20) Engineering Management, Master Acad	demic Studies
16. IM2418 Support to management decision making (I20) Engineering Management, Master Acad	demic Studies
17. IM2424 Investment management (M50) Energy Management, Master Academ	mic Studies
18. IM2425 Economics of the Firm (M50) Energy Management, Master Academ	mic Studies
19. IMDR63 Intelligent Organisation (120) Industrial Engineering / Engineering M. Doctoral Academic Studies	lanagement,

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5	AS STUR	UNIVERSITY OF NO	VI SAD			
A A	NULL ON A	FACULTY OF TECHNICAL SCIENCES 21000 NOVI	SAD, TRG DOSITEJA OBRADOVIĆA 6			
NO.2K	Son Ca	Study Programme A	Accreditation			
Op	LANTEN	UNDERGRADUATE ACADEMIC STUDIES Me	chanization and Construction Engineering			
List c	of courses b	eing held by the teacher in the accredited study programme	28			
	ID	Course name	Study programme name, study type			
20.	IMDR88	Planning and implementing cost structure of the investment cycle	(I20) Industrial Engineering / Engineering Management, Doctoral Academic Studies			
Rep	oresentative	e refferences (minimum 5, not more than 10)				
1.	a tool for		stić J.: Register of hazardous materials in printing industry as Istainable Energy Reviews, 2012, Vol. 16, No 1, pp. 660-667,			
2.	,	Dobromirov D., Radišić M.: Researching the dependence l ournal of Business Management, 2011, Vol. 5, No 13, pp. 5				
3.	Radišić M., Marić B., Dobromirov D.: SMEs and entrepreneurs investments' profitability effects within the transition period in the Republic of Serbia, African Journal of Business Management, 2011, Vol. 5, No 7, pp. 2654-2659, ISSN 1993-8233					
4.	Marić B., Demko-Rihter J., Mitrović V., Rovčanin M.: Functional correlations between the efficiency indicators of investments, African Journal of Business Management, 2011, Vol. 5, No 7, pp. 2979-2984, ISSN 1993-8233					
5.	Marić B., Kamberović B., Radlovački V., Delić M., Zubanov V.: Observing the dependence between dynamic indicators of investment profitability - Relative net present value and internal rate of return, African Journal of Business Management, 2011, Vol. 5, No 26, pp. 331-337, ISSN 1993-8233					

Marić B., Ivanišević A., Mitrović S., Sreto A., Mihailo R.: Analysis of internal rate of return on investments: Dynamic and static

1

International :

0

approach, African Journal of Business Management, 2011, Vol. 5, No 8, pp. 3269-3273, ISSN 1993-8233

0

6

Domestic :

Organizacija preduzeća, Fakultet za preduzetni menadžment, Novi Sad, 2006.

Upravljanje projektima, Fakultet za preduzetni menadžment, Novi Sad, 2000.

Upravljanje investicijama, Fakultet tehničkih nauka, 2010.

Osnove organizacije rada, Fakultet tehničkih nauka, 1982. Summary data for teacher's scientific or art and professional activity:

6

7

8

9

10

Quotation total :

Current projects :

Total of SCI(SSCI) list papers :



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



Study Programme Accreditation

UNDERGRADUATE ACADEMIC STUDIES

Mechanization and Construction Engineering

Name and last name: Matrixov L. Nilan Academic titkutor Full Profesor Name of the institutor where the teacher works full time and faculty of Technical Sciences - Novi Sad Technical Sciences - Novi Sad Scientific or at field 19.2 P3 Elseystems Engineering Academic title election 1999 Faculty of Technical Sciences - Novi Sad Biosystems Engineering Academic title election 1999 Faculty of Technical Sciences - Novi Sad Biosystems Engineering Magister thesis 1981 Faculty of Machanical Engineering - Novi Sad Biosystems Engineering It M2407 Biosystem Machines 2 Undergraduate Academic Studies Undergraduate Academic Studies 1 M2407 Biosystem Machines 1 McDi Mechanization and Construction Engineering, Undergraduate Academic Studies 2 M304 Biosystem Machines 1 McDi Mechanization and Construction Engineering, Undergraduate Academic Studies 3 UR2P64 Devices in the Process Industry (Z20) Forricommental Engineering, Undergraduate Academic Studies 7 Z4765 Energy and renewable energy sources in rural areas (Z20) Environmental Engineering, Undergraduate Academic Studies 7	Name and last name: Martinov I					Mantin	lilaa		
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14.2477engleskom)(LEO) Environmental Engineering, Master Academic Studies15.Z478Informaciono-tehnološka podrška održivom razvoju biosistema(uneti naziv na engleskom)(Z20) Environmental Engineering, Master Academic Studies16.H797Mechatronics in mechanization - advanced topics(H00) Mechatronics, Master Academic Studies17.SZSP14Contemporary approach to the biosystems engineering(Z00) Environmental Engineering, Specialised Academic Studies18.SZSP16Engineering of renewable enery sources in agriculture assessment of products (LCA)(Z00) Environmental Engineering, Specialised Academic Studies19.SZSP18Contemporary scientific approaches in life cycle assessment of products (LCA)(Z00) Environmental Engineering, Specialised Academic Studies20.ZCM12Logistic of energy biomass(ZC0) Clean Energy Technologies, Master Academic Studies21.ZR406ASystem Regulations and EU Practice in Occupational Health and Safety(Z01) Safety at Work, Master Academic Studies22.DM207Standardization in biosystems engineering related to the (Z01) Safety at Work, Doctoral Academic Studies	13.	Z478A			0, 11	,	(Z20) Envi	ronmental Engineering, Master Academic Studies	
15.Z478Informaciono-tehnološka podrška održivom razvoju biosistema(uneti naziv na engleskom)(Z20) Environmental Engineering, Master Academic Studies16.H797Mechatronics in mechanization - advanced topics(H00) Mechatronics, Master Academic Studies17.SZSP14Contemporary approach to the biosystems engineering(Z00) Environmental Engineering, Specialised Academic Studies18.SZSP16Engineering of renewable enery sources in agriculture assessment of products (LCA)(Z00) Environmental Engineering, Specialised Academic Studies19.SZSP18Contemporary scientific approaches in life cycle assessment of products (LCA)(Z00) Clean Energy Technologies, Master Academic Studies20.ZCM12Logistic of energy biomass(Z00) Clean Energy Technologies, Master Academic Studies21.ZR406ASystem Regulations and EU Practice in Occupational Health and Safety(Z01) Safety at Work, Master Academic Studies22.DM207Standardization in biosystems engineering related to the (Z01) Safety at Work, Doctoral Academic Studies	14.	Z477	-		ve poljoprivrede(uneti naz	ziv na	(Z20) Envi	ronmental Engineering, Master Academic Studies	
17.SZSP14Contemporary approach to the biosystems engineering(Z00) Environmental Engineering, Specialised Academic Studies18.SZSP16Engineering of renewable enery sources in agriculture(Z00) Environmental Engineering, Specialised Academic Studies19.SZSP18Contemporary scientific approaches in life cycle assessment of products (LCA)(Z00) Environmental Engineering, Specialised Academic Studies20.ZCM12Logistic of energy biomass(Z00) Clean Energy Technologies, Master Academic Studies21.ZR406ASystem Regulations and EU Practice in Occupational Health and Safety(Z01) Safety at Work, Master Academic Studies22.DM207Standardization in biosystems engineering related to the (Z01) Safety at Work, Doctoral Academic Studies	15.	Z478	Inform	aciono-tehr		razvoju	(Z20) Envi	ronmental Engineering, Master Academic Studies	
17. SZSP14 Contemporary approach to the biosystems engineering Studies 18. SZSP16 Engineering of renewable enery sources in agriculture (Z00) Environmental Engineering, Specialised Academic Studies 19. SZSP18 Contemporary scientific approaches in life cycle assessment of products (LCA) (Z00) Environmental Engineering, Specialised Academic Studies 20. ZCM12 Logistic of energy biomass (ZC0) Clean Energy Technologies, Master Academic Studies 21. ZR406A System Regulations and EU Practice in Occupational Health and Safety (Z01) Safety at Work, Master Academic Studies 22 DM207 Standardization in biosystems engineering related to the (Z01) Safety at Work, Doctoral Academic Studies	16.	H797	Mecha	tronics in m	nechanization - advanced	topics	(H00) Med	chatronics, Master Academic Studies	
18. SZSP18 Engineering of refervable energy sources in agriculture Studies 19. SZSP18 Contemporary scientific approaches in life cycle assessment of products (LCA) (Z00) Environmental Engineering, Specialised Academic Studies 20. ZCM12 Logistic of energy biomass (ZC0) Clean Energy Technologies, Master Academic Studies 21. ZR406A System Regulations and EU Practice in Occupational Health and Safety (Z01) Safety at Work, Master Academic Studies 22. DM207 Standardization in biosystems engineering related to the (Z01) Safety at Work, Doctoral Academic Studies	17.	SZSP14	Conter	mporary ap	proach to the biosystems	engineering		ironmental Engineering, Specialised Academic	
19. SZSP16 assessment of products (LCA) Studies 20. ZCM12 Logistic of energy biomass (ZC0) Clean Energy Technologies, Master Academic Studies 21. ZR406A System Regulations and EU Practice in Occupational Health and Safety (Z01) Safety at Work, Master Academic Studies 22. DM207 Standardization in biosystems engineering related to the (Z01) Safety at Work, Doctoral Academic Studies	18.	SZSP16	Engine	ering of rer	newable enery sources in	agriculture	. ,	ironmental Engineering, Specialised Academic	
20. 20. 20. 20. 20. Studies 21. ZR406A System Regulations and EU Practice in Occupational Health and Safety (Z01) Safety at Work, Master Academic Studies 22. DM207 Standardization in biosystems engineering related to the (Z01) Safety at Work, Doctoral Academic Studies	19.	SZSP18				cycle		ironmental Engineering, Specialised Academic	
21. 2R400A Health and Safety 22 DM207 Standardization in biosystems engineering related to the	20.	ZCM12	Logisti	c of energy	biomass			an Energy Technologies, Master Academic	
	21.	ZR406A	Health	and Safety	,	-		-	
	22.	DM207		ardization in	biosystems engineering	related to the	(Z01) Safe	ety at Work, Doctoral Academic Studies	



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



Study Programme Accreditation

UNDERGRADUATE ACADEMIC STUDIES

List	of courses h	eing held by the teacher in the accred	lited study programme	20			
	ist of courses being held by the teacher in the accredited study programmes						
	ID	Course name		Study program	me name, study type		
23.	DOM24	Procedure and Machines for Sustain	able Agriculture	(M00) Mechanio	cal Engineering, Doctoral A	cademic Studies	
24.	HDOK11	Advanced Application of ICT in Agric	culture	(H00) Mechatro	nics, Doctoral Academic St	udies	
25.	HDOL11	Advanced application of ICT in agric	ulture	(H00) Mechatro	nics, Doctoral Academic St	udies	
26.	ZSP14	Contemporary Approaches to Susta Biosystems	nable Engineering	(Z00) Environm Studies	ental Engineering, Doctoral	Academic	
27.	ZSP16	Engineering of Renewable Energy ir	a Agriculture	Studies	atics in Engineering, Doctor ental Engineering, Doctoral		
28.	ZRD235	Systemic regulation in the field of oc and health	cupational safety	(Z01) Safety at	Work, Doctoral Academic S	Studies	
Rep	oresentative	e refferences (minimum 5, not more th	an 10)				
1.	L.) in a m	Golub M., Müller J., Obradović R., Ma ledium scale batch dryer with different 108-115, ISSN 1431-9292					
2.		., Effenberger M., Lehner A., Martinov al biogas plants, Renewable energy, 2			od for assessing the perform	mance of	
3.	based po	., Martinov M., Bojić S., Đatkov Đ., Pa sitioning devices using a specially de am, the Netherlands, 2011, Vol. 76, No	signed testing facility,				
4.		I., Martinov M., Dallemand J.: Assess and limitations for bioenergy use, Wa		, ,			
5.		n M., Starcevic N., Martinov M., Maur 2544-2548	er C., Mueller J.: App	licability of biogas	s digestate as solid fuel, Fue	el, 2010, Vol. 89,	
6.		M, Mujic I, Müller J. 2007. Impact of d t für Arznei- und Gewürzpflanzen, 12(on course of dryir	ng and quality of Hypericum	perforatum L.	
7.		M., Veselinov B., Bojić S., Đatkov Đ.: International Scientific Journal, 2011				el, Thermal	
8.		Mujić, I., Martinov, M., Velić, D., Bilić istic of wild asparagus Czech Journal			drying procedure on colour	and rehydration	
9.	Oztekin S. Martinov, M. 2007. Medicinal and Aromatic Crops. Harvesting, Drving and Processing, Haworth Food and Agricultural						
10.	Martinov, M., Tesic, M. and M. Ilic. 2006. Latest developments on RES policy, implementation and planning in Serbia. Workshop: "Data Gathering on Renewable Energies for New Member States and Candidate Countries" organized by European Commission, Joint Research Center, Cavtat-Dubrovnik, 15-16 November 2006, Book of procc. 279-287.						
Sur	nmary data	for teacher's scientific or art and profe	essional activity:				
	ation total :		20				
	,	CI) list papers :	10	1			
Curre	ent projects	:	Domestic :	4	International :	1	



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



Study Programme Accreditation

UNDERGRADUATE ACADEMIC STUDIES

Mechanization and Construction Engineering

						dihailaviá D. Diliana		
Name and last name:					Mihailović P. Biljana			
Academic title:					Assistant Professor			
	Name of the institution where the teacher works full time and starting date:					Faculty of Technical Sciences - Novi Sad		
L	ng date:	iold:			15.03.1999			
			Maar	la effection	Mathematics			
	emic caries		Year	Institution			Field	
	emic title e	lection:	2010	Faculty of Technical Sci		ad	Mathematics	
	thesis		2009	Faculty of Sciences - No			Mathematical Sciences	
-	ster thesis		2003	Faculty of Sciences - No			Mathematical Sciences	
	elor's thesis	-	1998	Faculty of Sciences - No			Mathematical Sciences	
List c	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.	E135	Probal	oility, Statis	tics and Stochastic Proces	sses	Undergrad (E10) Pow	asurement and Control Engineering, luate Academic Studies er, Electronic and Telecommunication lg, Undergraduate Academic Studies	
						- <u> </u>	nputing and Control Engineering, Undergraduate	
2.	E212	Mathe	matical Ana	alysis 1		(SE0) Sof	tware Engineering and Information Technologies, luate Academic Studies	
						(SEL) Sof	tware Engineering and Information Technologies - ndergraduate Academic Studies	
						(E20) Con Academic	nputing and Control Engineering, Undergraduate Studies	
3.	E213	Discre	te Mathema	atics and Linear Algebra			asurement and Control Engineering, luate Academic Studies	
0.	L210	Discic	Jan				tware Engineering and Information Technologies, uate Academic Studies	
						Loznica, U	tware Engineering and Information Technologies - ndergraduate Academic Studies	
						Académic		
4.	E224A	Probal	bility and St	ochastic Processes		Academic		
						Undergrad	tware Engineering and Information Technologies, uate Academic Studies	
						Loznica, U	tware Engineering and Information Technologies - Indergraduate Academic Studies	
5.	EOS07	Mathe	matics 2			Ènergy, Ur	ver Engineering - Renewble Sources of Electrical indergraduate Professional Studies	
						Undergrad	chanization and Construction Engineering, luate Academic Studies	
6.	M102	Mathe	matics 1			Académic		
						Undergrad	chnical Mechanics and Technical Design, luate Academic Studies	
						Studiés	duction Engineering, Undergraduate Academic	
7.	E102	Mathe	matical Ana	Ilysis 1		Académic		
				-		Undergrad	asurement and Control Engineering, luate Academic Studies	
8.	BMI91	Mathe	matics 1			Studies	medical Engineering, Undergraduate Academic	
9.	BMI92	Mathe	matics 2			Studies	medical Engineering, Undergraduate Academic	
10.	E102A	Mathematical Analysis 1					ver, Electronic and Telecommunication g, 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

List o	t of courses being held by the teacher in the accredited study programmes						
	ID	Course name	Study programme name, study type				
11.	IM1423	Financial Mathematics	(I20) Engineering Management, Undergraduate Academic Studies				
			(E11) Power, Electronic and Telecommunication Engineering, Specialised Academic Studies				
			(112) Industrial Engineering, Specialised Academic Studies				
12.	DZ01MS	Selected Chapters in Mathematics	(I22) Engineering Management, Specialised Academic Studies				
			(Z00) Environmental Engineering, Specialised Academic Studies				
			(I20) Engineering Management, Specialised Professional Studies				
13.	1004/S	Statistical Quantitative Methods	(IB0) Engineering Management - MBA, Specialised Professional Studies				
14.	OIR009	Primenjena aktuarska matematika	(I20) Engineering Management, Specialised Professional Studies				
15.	ZR503	Statistical Advanced Models	(Z01) Safety at Work, Master Academic Studies				
16.	D0M07	Mathematical Foundations of Fuzzy Systems	(OM1) Mathematics in Engineering, Doctoral Academic Studies				
17.	D0M21	Fuzzy Systems and Their Applications	(OM1) Mathematics in Engineering, Doctoral Academic Studies				
18.	D0M49	Aggregation Functions	(OM1) Mathematics in Engineering, Doctoral Academic Studies				
19.	D0M50	Fuzzy Measures and Integrals	(OM1) Mathematics in Engineering, Doctoral Academic Studies				
20.	D0M51	Large Deviations Principles	(OM1) Mathematics in Engineering, Doctoral Academic Studies				
			(E10) Power, Electronic and TelecommunicationEngineering, 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				
21.	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				
Rep 1.	E. Pap, I		ve and monotone functional by two Sugeno integrals, Fuzzy				
2.	B. Mihai	Systems 155, (2005) 77-88 lović, E. Pap: Sugeno integral based on absolutely monotor)) 2857-2869	ne real set functions, Fuzzy Sets and Systems, Vol 161, Issue				
3.	B. Mihail	ović, E. Pap: Asymmetric integral as a limit of generated Ch , Fuzzy Sets and Systems 181, (2011) 39-49.	oquet integrals based on absolutely monotone real set				
4.		ović, E. Pap: Asymmetric general Choquet integrals, Acta F	Polytechnica Hungarica, Volume 6, Issue Number 1, (2009)				
5.	Kalina M	., Manzi M., Mihailović B.: Choquet integrals and T-supermo					
\square	Applications, TIEI 3, DOI: 10.1007/978-3-642-33959-2 4 c Springer-Verlag Berlin Heidelberg , (2013) 61-75.						

AN CONT	TAS STUDIO	FACULTY OF TECHNICAL SCI	UNIVERSITY OF NO		TEJA OBRADOVIĆA 6	SHUHKNY MAL
UNDERGRADUATE ACADE			Programme A		ON Construction Engineering	HORN
Rep	presentative re	efferences (minimum 5, not more th	an 10)			
6.		ć, Lj. Nedović, T. Grbić : The induc g, Vol.54, No. 12/s, (2003) 76-79.	ed Sugeno integral-ba	sed operator w.r.	t bi-fuzzy measures, Journ	al of Electrical
7.	B. Mihailovi 374.	ć, E. Pap: Non-monotonic set funct	ions and general fuzzy	/ integrals, Proce	edings of SISY 2008, Subo	tica, (2008) 371-
8.	B. Mihailovi 187-191.	ć: On the class of symmetric S-sep	arable aggregation fur	nctions Proceedir	igs of AGOP 2007, Ghent, I	Belgium, (2007)
9.	B. Mihailovi 265-269.	ć, E. Pap: Decomposable signed fu	izzy measures, Procee	edings of EUSFL	AT 2007, Ostrava, Czech R	epublic, (2007)
10.	B. Mihailović, M. Manzi: On the asymmetric Shilket-like integral, Proceedings of AGOP2011, Benevento, Italy, (2011) 73-77.					
Sur	Summary data for teacher's scientific or art and professional activity:					
Quot	Jotation total : 10					
Total	l of SCI(SSCI)	list papers :	4			
Curre	Current projects : Domestic : 2 International : 0					0



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



Study Programme Accreditation

UNDERGRADUATE ACADEMIC STUDIES

Mechanization and Construction Engineering

Name	me and last name: Milojević D. Zoran							
	emic title:	ame.			Assistant Professor			
			Faculty of Technical Sciences - Novi Sad					
	ng date:				27.10.1997			
	tific or art f	ield:				nents,Const	ruction Principles, Machine and Mechanizm	
Acad	emic cariee	er	Year	Institution		· · · ·	Field	
	emic title el		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	
Magi	ster thesis		2002	Faculty of Technical Sci	ences - Novi S	ad	Machine Tools, Flexible Technological Systems and Automatization Processes Design	
Bach	elor's thesis	6	1995	Faculty of Technical Sci	ences - Novi S	ad	Automatic Control and System Engineering	
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	ogramme name, study type	
1.	EOS03		mentals in I nts and Mat	Mechanical Engineering(N terials)	<i>l</i> achine		ver Engineering - Renewble Sources of Electrical ndergraduate Professional Studies	
2.	F202	Funda	mentals in	Mechanical Engineering		Academic		
						Undergrad	chanization and Construction Engineering, luate Academic Studies	
3.	M108	Engine	ering Grap	hic Communications		 (M30) Energy and Process Engineering, Undergraduate Academic Studies (M40) Technical Mechanics and Technical Design, 		
					Undergrad	uate Academic Studies		
		(P00) Produc Studies			duction Engineering, Undergraduate Academic			
4.	M2610	Graph	ic Commun	ications and CAD		(H00) Med	chatronics, Undergraduate Academic Studies	
5.	S012	Descri	ptive Geom	netry and Engineering Dra	wing	 (S00) Traffic and Transport Engineering, Undergraduate Academic Studies (S01) Postal Traffic and Telecommunications, 		
						Undergraduate Academic Studies		
6.	IA013	Interac	tive Engine	eering Graphics		Studies	ineering Animation, Undergraduate Academic	
7.	ZC007	Engine	ering Grap	hic Communications		Àcadémic		
8.	M2511		dology of D	•		Àcadémic		
9.	AID04	•		age in the virtual environr	nent	(F20) Eng	ineering Animation, Doctoral Academic Studies	
Rep			,	num 5, not more than 10)				
1.	Novom S	adu, 20	04. god. (3	56 strana)			ik, br 166, ISBN 86-499-0131-5., Univerzitet u	
2.	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, Timisoara, Romania, pp: 48-54, 2007. ISSN: 1583-7904.							
3.	3. 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.							
4.	4. Obradović, R., Milojević, Z: PLANE SECTION OF CONE AND CYLINDER IN COMPUTER GEOMETRY, Facta Universitatis, Series Architecture and Civil Engineering, Vol. 3, No.2, Niš 2005., pp. 195-207							
5.	ELEMEN	TS ACC	URACY IN		L ANALYSIS C	OF THE MAI	IS OF THE ISOPARAMETRIC HEXAHEDRAL N SPINDLE ASSEMBLY", Journal of Machine 2002. god., pp. 193-203	
6.							A practical approach to the optimization of gear ISSN 0094-114X	
7.	 trains with spur gears, Mechanism and Machine Theory, 2012, Vol. 53, pp. 1-16, ISSN 0094-114X Milojević Z., Navalušić S., Milankov M., Obradović R., Desnica E., Harhaji V.: Methodology for 3D femur approximate model generation, HealthMED, 2011, Vol. 5, No 5, pp. 1211-1217, ISSN 1840-2991 						ethodology for 3D femur approximate model	

4	STAS STUR		UNIVERSITY OF NO	VI SAD		WYKMX H
ANA ANA	NOR COR	FACULTY OF TECHNICAL SCI	SCIENCES 21000 NOVI SAD, TRG DOSITEJA OBRADOVIĆA 6			
2.2	Concest of the second s	Study F	Programme A	ccreditatio	on	Contraction of the
·0,	LANTER	UNDERGRADUATE ACADEMIC	STUDIES Me	chanization and (Construction Engineering	HOD HOD
Rep	presentative r	efferences (minimum 5, not more th	an 10)			
8.		, Navalušić S., Milankov M., Obrado ne X - ray , HealthMED, 2011, Vol. 5			for femoral tunnel position of	determination
9.		., Savić D., Milojević Z.: Geometric Traumatol Arthrosc, 2012, Vol. 20				CL graft, Knee
10.	Obradović R., Petter O., Vidaković M., Popkonstantinović B., Popović B., Milojević Z.: Using Contemporary 3D Web Technolo 10. in the Process of CAD Model Design (prihvaćen za objavljivanje u 2013), Technics Technologies Education Management, 207 Vol. 8, No 1, 2/3, ISSN 1840-1503					
Sur	Summary data for teacher's scientific or art and professional activity:					
Quotation total : 0						
Tota	I of SCI(SSCI)	list papers :	5			
Current projects :			Domestic :	1	International :	0



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



Study Programme Accreditation

UNDERGRADUATE ACADEMIC STUDIES

Mechanization and Construction Engineering

Name and last name:							T	
						Mirović Đ. Ivana		
				h	Lecturer Faculty of Technical Sciences - Novi Sad			
	e of the inst ng date:	itution v	vnere the te	acher works full time and	01.04.1990			
	ntific or art f	ield:			English			
	lemic caries		Year	Institution			Field	
Acad	lemic title el	ection:	2010	Faculty of Technical Sci	ences - Novi Sa	ad	English	
	elor's thesis		1984	Faculty of Philosophy - I			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	ogramme name, study type	
1.	AEJ1L	Englis	h Language	e - Elementary		(A00) Arch	hitecture, Undergraduate Academic Studies	
2.	AEJ2L	Englis	h Language	intermediate		(A00) Arch	hitecture, Undergraduate Academic Studies	
3.	AEJ2Z	Englis	h intermedia	ate		(A00) Arch	hitecture, Undergraduate Academic Studies	
4.	AEJ3Z	Englis	h Language	e - upper intermediate		(A00) Arcl	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 Ig, Undergraduate Academic Studies	
						(F00) Gra Academic	phic Engineering and Design, Undergraduate Studies	
						(MR0) Me Undergrad	asurement and Control Engineering, luate Academic Studies	
6.	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, luate Academic Studies	
						(Z20) Envi 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	Englisl	h Language	e – Pre-Intermediate		(MR0) Measurement and Control Engineering, Undergraduate Academic Studies		
			-			(Z01) Safe	ety at Work, Undergraduate Academic Studies	
						(ZC0) Clean Energy Technologies, Undergraduate Academic Studies		
							aster Risk Management and Fire Safety, luate Academic Studies	
						-	ronmental Engineering, Undergraduate Academic	

ANTAS STUDIO

UNIVERSITY OF NOVI SAD

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



Study Programme Accreditation

UNDERGRADUATE ACADEMIC STUDIES

List o	ist 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.	0 5 1007	English Languago Dro Intermediato	(I20) Engineering Management, Undergraduate Academic Studies					
0.	EJ02Z	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					
			(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 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.		Lingion Language - LOI Obuloc	(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



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



Study Programme Accreditation

UNDERGRADUATE ACADEMIC STUDIES مالد من المرحام

List o	t 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	(I10) Industrial Engineering, Undergraduate Academic Studies (I20) Engineering Management, Undergraduate Academic					
35.	ETI05	English language - Elementary	Studies (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	presentative	e refferences (minimum 5, not more than 10)						
1.	Prevod m	nonografije: Nenad Teofanov: Ultramodulation Spaces and	Pseudodifferential Operators, Zadužbina Andrejević					
2.	Prevod publikacije o Fakultetu tehničkih nauka, Faculty of Technical Sciences, 2004							
3.								
4.								
5.	L Mirović V, Rogdanović R. Ličen: Istorijat pastave stručnog engleskog jezika na ETN u Novom Sadu, međunarodna konferencija							
6.	V. Bogda	nović, I. Mirović, B. Ličen: Kreiranje udžbenika za engleski cija Jezik struke, teorija i praksa, Beograd, 2008	jezik za studente različitog predznanja, međunarodna					
7.	I. Mirović	, B. Ličen, V. Bogdanović: Summarization skills of engineer Purposes, Challenges and Prospects, Belgrade, 2011	ring students reading in a second language, Language for					
	······································							

SITAS STUDIO UNIVERSITY OF NOVI SAD FACULTY OF TECHNICAL SCIENCES 21000 NOVI SAD, TRG DOSITEJA OBRADOVIĆA 6 Study Programme Accreditation UNDERGRADUATE ACADEMIC STUDIES Mechanization and Construction Engineering Representative refferences (minimum 5, not more than 10) 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, 8 Celje, Slovenia, 2012 Gak D, Bogdanović V, Mirović I, : Questionnaire - an instrument for collecting valuable data from teachers of business English 9. courses, 5th International Conference on the Importance of Learning Professional Foreign Languages for Communication between Cultures, Celje, Slovenia, 2012 Summary data for teacher's scientific or art and professional activity: Quotation total 0 Total of SCI(SSCI) list papers : 0 0 International : 0 Current projects : Domestic :



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



Study Programme Accreditation

UNDERGRADUATE ACADEMIC STUDIES

Mechanization and Construction Engineering

Name and last name:					Navalušić V.	Slobodan			
Academic title:					Full Professo				
Name of the institution where the teacher works full time and				eacher works full time and					
			01.12.1975						
Scier	ntific or art f	ield:				nents.Const	ruction Principles, Machine and Mechanizm		
Acad	emic carie	er	Year	Institution	1	,	Field		
	emic title e		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 c	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.	A555	Perspe	ective			(GI0) Geo Studies	desy and Geomatics, Undergraduate Academic		
2.	EOS03		mentals in I nts and Mat	Mechanical Engineering(N terials)	Machine	(E01) Pow Energy, Ur	ver Engineering - Renewble Sources of Electrical ndergraduate Professional Studies		
3.	F202	Funda	mentals in	Mechanical Engineering		(F00) Gra Academic	phic Engineering and Design, Undergraduate Studies		
4.	GG03	Descri	ptive Geom	netry		(G00) Civil Engineering, Undergraduate Academic Studies			
5.	GI104	Descri	ptive Geom	netry in Geomatics		(GI0) Geo Studies	GI0) Geodesy and Geomatics, Undergraduate Academic tudies		
6.	M108	Engine	eering Grap	hic Communications		Undergrad (M30) Ene Academic (M40) Teo Undergrad	chanization and Construction Engineering, uate Academic Studies ergy and Process Engineering, Undergraduate Studies chnical Mechanics and Technical Design, uate Academic Studies duction Engineering, Undergraduate Academic		
7.	M2610	Graph	ic Commun	ications and CAD		(H00) Mechatronics, Undergraduate Academic Studies			
8.	S012			netry and Engineering Dra	wing	(S00) Trat Academic	fic and Transport Engineering, Undergraduate Studies		
			-		_	Undergrad	tal Traffic and Telecommunications, uate 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, uate Academic Studies		
11.	ASO9	Descri	ptive Geom	etry with Perspective 2		Undergrad	nic Architecture, Technique and Design, uate Academic Studies		
12.	ZC007	Engineering Graphic Communications				(ZC0) Cle Academic	an Energy Technologies, Undergraduate Studies		
13.	M2511	Metho	Methodology of Design			(M22) Me Academic	chanization and Construction Engineering, Master Studies		
14.	M2655	Mainte	enance of A	gricultural Machinery		(M22) Me Academic	chanization and Construction Engineering, Master Studies		
15.	AD0013	Theory of curves and surfaces					ital Techniques, Design and Production in e and Urban Planning, Master Academic Studies		
16.	DM213	Constr	ructing	ethods of Designing and M		、 ,	chanical Engineering, Doctoral Academic Studies		
17.	DM409	Selected Chapter in Power and Motion Transm					chanical Engineering, Doctoral Academic Studies		
18.	AID04	Haptic	devices us	age in the virtual environr	nent	(F20) Eng	ineering Animation, Doctoral Academic Studies		

AND ANTELS		UNIVERSITY OF NOVI SAD FACULTY OF TECHNICAL SCIENCES 21000 NOVI SAD, TRG DOSITEJA OBRADOVIĆA 6							
		Study Programme Accreditation UNDERGRADUATE ACADEMIC STUDIES							
Rep	presentative r	efferences (minimum 5, not more t	nan 10)						
1.		., Navalušić, S., Zeljković, M.: " No ournal of Manufacturing Engineeri -7904							
2.		., Navalušić, S., Zeljković, M.: " DE G PROGRAM", Journal Manufactu							
3.		., Navalušić, S., Zeljković, M.: " AN ION", Journal Manufacturing Eng				ID			
4.		., Navalušić, S., Zeljković, M:" DE ", Journal of Machine Engineering							
5.	PROFILING	I., Zeljković, Ž., Navalušić, S., Milo 6 CYCLE ON THE CNC GRINDIN the knowledge, Wroclaw, 2004. go	G MACHINE", Journa						
6.		Letić D., Gligorić R., Navalušić S. nternational, 2012, Vol. 17, No 3, J			ogies in higher technical	education,			
7.		, Navalušić S., Milankov M., Obrad e X - ray , HealthMED, 2011, Vol.			n for femoral tunnel positio	on determination			
8.		Letić D., Navalušić S.: Concept o Technics Technologies Education				university level			
9. Milojević Z., Navalušić S., Milankov M., Obradović R., Desnica E., Harhaji V.: Methodology for 3D femur approximate generation, HealthMED, 2011, Vol. 5, No 5, pp. 1211-1217, ISSN 1840-2991						oximate model			
 Navalušić, S., R. Gatalo, M. Zeljković: Automated Gearbox Design Based on Principles of Expert System Building, JSPE Publication Series No.1, Advancement of Intelligent Production, edited by Eiji Usui, Elsevier Science B. V., Amsterdam - Lausar New York - Oxford - Shannon - Tokyo, 1994, pp. 45-50 									
	-	r teacher's scientific or art and pro	-						
	ation total :	P (0						
	of SCI(SSCI)	list papers :	4		International				
Current projects :			Domestic :	0	International :	0			



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



Study Programme Accreditation

UNDERGRADUATE ACADEMIC STUDIES

Mechanization and Construction Engineering

				•				
					Nikolić M. Ale			
					F H CT	ociate Professor		
				Faculty of Technical Sciences - Novi Sad				
	ng date: ntific or art f	iold:			01.10.1990 Mathematics			
	emic carie		Year	Institution	Mathematics		Field	
			2008		onoon Novi S	ad .	Mathematics	
	emic title el thesis	lection.		Faculty of Technical Sci		au	Mathematics	
			1997 1992	Faculty of Sciences - No Faculty of Mathematics			Mathematics	
	ster thesis elor's thesis		1992	Faculty of Sciences - No	0			
		-		,			Mathematics	
LISU		eing ne		acher in the accredited stu	uy programme	.5		
	ID	Course	e name			Study pro	gramme name, study type	
1.	H103	Mathe	matics 1			(H00) Mec	chatronics, Undergraduate Academic Studies	
							chanization and Construction Engineering, uate Academic Studies	
	14400	Matte	motion 4			(M30) Ene Academic	ergy and Process Engineering, Undergraduate Studies	
2.	M102	watrie	matics 1				chnical Mechanics and Technical Design, uate Academic Studies	
						(P00) Prod Studies	duction Engineering, Undergraduate Academic	
						(Z01) Safe	ety at Work, Undergraduate Academic Studies	
		Mathematics 1				(ZC0) Clean Energy Technologies, Undergraduate Academic Studies		
3.	Z104					(ZP0) Disaster Risk Management and Fire Safety, Undergraduate Academic Studies		
						(Z20) Environmental Engineering, Undergraduate Academic Studies		
						(Z01) Safe	ety at Work, Undergraduate Academic Studies	
						(ZC0) Clea	an Energy Technologies, Undergraduate Studies	
4.	Z106	Mathe	matics 2	ics 2		(ZP0) Disa Undergrad	aster Risk Management and Fire Safety, uate Academic Studies	
						(Z20) Environmental Engineering, Undergraduate Academic Studies		
5.	Z104	Matem	natika 1(une	ti naziv na engleskom)		(Z20) Environmental Engineering, Undergraduate Academic Studies		
6.	Z106	Matem	natika 2(une	ti naziv na engleskom)		(Z20) Envir Studies	ronmental Engineering, Undergraduate Academic	
7.	BMI91	Mathe	matics 1			(BM0) Bio Studies	medical Engineering, Undergraduate Academic	
8.	BMI92	Mathematics 2				(BM0) Bio Studies	medical Engineering, Undergraduate Academic	
9.	ETI03	History of science and technology				(E02) Elec Profession	ctronics and Telecommunications, Undergraduate al Studies	
10.	IA001	Algebra				(F10) Eng Studies	ineering Animation, Undergraduate Academic	
11.	II1052	Mathematics 2				(110) Indus Studies	strial Engineering, Undergraduate Academic	
40	11.440.000	Matt				(I10) Indus Studies	strial Engineering, Undergraduate Academic	
12.	IM1002	Mathe	matics 1			(I20) Engineering Management, Undergraduate Academic Studies		
13.	IM1006	Mathematics 2				(I20) Engineering Management, Undergraduate Academic Studies		
14.	Z506	Viši kurs matematike 1(uneti naziv na engleskom)			eskom)	(Z20) Envii	ronmental Engineering, Master Academic Studies	

5	TAS STUD		UNIVERSITY OF NO	VI SAD		WYKNX H.			
IN	O P	FACULTY OF TECHNICAL SCIENCES 21000 NOVI SAD, TRG DOSITEJA OBRADOVIĆA 6							
n. NE		Study F	Programme A	ccreditatio	on	Con Contraction			
3	LANTEN	UNDERGRADUATE ACADEMIC	STUDIES Me	echanization and (Construction Engineering	. No			
Re	presentative r	efferences (minimum 5, not more th	nan 10)						
1.	Aleksandar 48, 1998, p	Nikolić, About two famous results o p. 353-373	of Jovan Karamata, Ar	chives Internation	ales D"Histoire des Scien	ces, n. 141, Vol.			
2.		Nikolić, Space and Time in the App s Series 23, 1, 1993, pp. 199-218	paratus of Infinitesima	l Calculus, Reviev	v of Research, Faculty of S	Science,			
3.	Nevenka A	džić, Aleksandar Nikolić, Uvod u teo	oriju redova, FTN Nov	i Sad, 2001, s. 12	4				
4.	Irena Čomi	ć, Aleksandar Nikolić, Diferencijalne	e jednačine, FTN Novi	Sad, 1999, s. 12	2				
5.	Aleksandar	Nikolić, Jovan Karamata, život kro	z matematiku, Zadužb	ina Andrejević, 19	999, s.105				
6.	Marić, V., N 60, 2008.	likolić, A., Vojislav G. Avakumović ((1910-1990) - A Passio	onate Man of Matl	nematics, Ganita Bharati, V	Vol. 30, No. 1, 45-			
7.	Nikolić, A.,	Karamata"s Proofs of Pappus-Pase	cal and Desargues The	eorems, ICAM 20	07, G.B. Pant University, Ir	ndia.			
8.	Nikolić, A., 36, 4, 2009	The Story of Majorisability as Karar , 405-419.	mata"s Condition of Co	onvergence for Ab	el Summable Series, Histo	oria Mathematica,			
9.	Nikolić, A., 109-124.	Mathematical education in the Prov	vince of Vojvodina with	in the Habsburg I	Monarchy, History of Mathe	ematics, 41, 2010,			
10.	Aleksandar Nikolic, Mathematician Judita Cofman (1936–2001), Teaching Mathematics and Computer Science, Institute of Mathematics, and Faculty of Informatics, University of Debrecen, Hungary. 2012 Vol. X. Issue I, s. 91-115. ISSN 1589 - 7389								
Su	Summary data for teacher's scientific or art and professional activity:								
Quotation total : 0									
Total of SCI(SSCI) list papers : 1									
Current projects : Domestic : 2 International : 1					1				



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



Study Programme Accreditation

UNDERGRADUATE ACADEMIC STUDIES

Mechanization and Construction Engineering

		D //			
Name and last name:	. Ratko				
Academic title:	Full Professor		ncos Novi Sad		
Name of the institution where the teacher works full time and starting date:	02.09.1993	f Technical Sciences - Novi Sad			
Scientific or art field:	Computer Gra	aphics			
Academic carieer Year Institution		4911100	Field		
Academic title election: 2012 Faculty of Technical Sci	iences - Novi Si	ad	Computer Graphics		
PhD thesis 2000 Faculty of Sciences - No			Computer Graphics		
Magister thesis 1997 Faculty of Sciences - No			Computer Graphics		
Bachelor's thesis 1993 Faculty of Technical Sci		ad	Machine Elements, Construction Principles, Machine and Mechanizm Theory, Power and Motion Transfer and Eng.Communication		
List of courses being held by the teacher in the accredited st	udy programme	s			
ID Course name		Study pro	gramme name, study type		
1. IA020 Advanced Display Technologies		(F10) Eng Studies	ineering Animation, Undergraduate Academic		
		Undergrad	chanization and Construction Engineering, uate Academic Studies		
2. M108 Engineering Graphic Communications		Academic			
		Undergrad	chnical Mechanics and Technical Design, uate Academic Studies		
		(P00) Production Engineering, Undergraduate Academic Studies			
3. S012 Descriptive Geometry and Engineering Dra	awina	(S00) Traffic and Transport Engineering, Undergraduate Academic Studies			
		(S01) Postal Traffic and Telecommunications, Undergraduate Academic Studies			
4. IA006 Spatial Shape Design		Studies	ineering Animation, Undergraduate Academic		
5. IA009 3D Modeling		(F10) Engineering Animation, Undergraduate Academic Studies			
6. IA014 Advanced Engineering Animation		(F10) Engineering Animation, Undergraduate Academic Studies			
7. IGA013 Character Animation		(F10) Engineering Animation, Undergraduate Academic Studies			
8. IGA055 Special Visual Effects		(F10) Engineering Animation, Undergraduate Academic Studies			
9. IGB034 Video in Engineering Animation		(F10) Eng Studies	ineering Animation, Undergraduate Academic		
10. IGB340 Fundamentals of Engineering Animation		(F10) Eng Studies	ineering Animation, Undergraduate Academic		
11. ZC007 Engineering Graphic Communications		(ZC0) Clea Academic	an Energy Technologies, Undergraduate Studies		
12. IA018 Computer Geometry		(F20) Eng	ineering Animation, Master Academic Studies		
13. AD0010 Advanced Animation and Video Post Techr Architecture	niques in		ital Techniques, Design and Production in e and Urban Planning, Master Academic Studies		
		(E20) Con Academic	nputing and Control Engineering, Master Studies		
14. E2528 Computer game development		(SE0) Software Engineering and Information Technologies, Master Academic Studies			
15. IA005 History of Animation					
16. AID08 Advanced Interdisciplinary Scientific Visualization (F20) Engineering Animation, Doctoral Academic Stud					
Representative refferences (minimum 5, not more than 10)					
1. 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					



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



Study Programme Accreditation

UNDERGRADUATE ACADEMIC STUDIES Mechar

Re	Representative refferences (minimum 5, not more than 10)							
2.	Milojević Z., Navalušić S., Milankov M., Obradović R., Desnica E., Harhaji V.: Methodology for 3D femur approximate model generation, HealthMED, 2011, Vol. 5, No 5, pp. 1211-1217, ISSN 1840-2991							
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., Popkonstantinović B., Petrović M., Malešević B.: Investigation of Concave Cupolae Based 7. Polyhedral Structures and Their Potential Application in Architecture, rad je u štampi, Technics Technologies Education Management / TTEM, 2013, Vol. 8, No 3, ISSN 1840-1503							
8.	Milojević Z., Navalušić S., Obradović R., Milani 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.	10. Obradović R., Milojević Z.: Plane section of cone and cylinder in computer geometry, Facta universitatis - series: Architecture and Civil Engineering, 2005, Vol. 2, No 3, pp. 195-207, ISSN 0354–4605							
Summary data for teacher's scientific or art and professional activity:								
Quot	tation total :	50						
Tota	l of SCI(SSCI) list papers :	7	•	-				
Curr	ent projects :	Domestic :	0	International :	1			



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



Study Programme Accreditation

UNDERGRADUATE ACADEMIC STUDIES

Mechanization and Construction Engineering

Name and last name:					Oros V. Đura			
Academic title:					Assistant Pro	fessor		
Nam	e of the inst	titution v	vhere the te	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 e	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 Eng	ineering - Beog	ırad	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	udy programme	s		
	ID	Course	e name			Study pro	gramme name, study type	
1.	H361	Contro	of Electric	al Drives		(H00) Med	chatronics, Undergraduate Academic Studies	
							chanization and Construction Engineering, uate Academic Studies	
						(M30) Ene Academic	ergy and Process Engineering, Undergraduate Studies	
							hnical Mechanics and Technical Design, uate Academic Studies	
2.	M109	Electri	Electric Machines and Power Electronics				asurement and Control Engineering, uate Academic Studies	
						(P00) Proo Studies	duction Engineering, Undergraduate Academic	
						(S00) Traf Academic	fic and Transport Engineering, Undergraduate Studies	
						(S01) Postal Traffic and Telecommunications, Undergraduate Academic Studies		
							chanization and Construction Engineering, uate Academic Studies	
						(M30) Ene Academic	ergy and Process Engineering, Undergraduate Studies	
3.	M112	Electrical Engineering and Electric Machine			e		nical Mechanics and Technical Design, uate Academic Studies	
5.	IVIT 12				.5	(P00) Proo Studies	duction Engineering, Undergraduate Academic	
						(S00) Traf Academic	fic and Transport Engineering, Undergraduate Studies	
							tal Traffic and Telecommunications, uate Academic Studies	
						(E20) Con Academic	nputing and Control Engineering, Undergraduate Studies	
4.	E2315	Electri	Electrical Machines in Automatic Control Sy		vstems	Undergrad	asurement and Control Engineering, uate Academic Studies	
							er, Electronic and Telecommunication g, Undergraduate Academic Studies	
5.	EE419A	Testing of electrical machines					er, Electronic and Telecommunication g, Undergraduate Academic Studies	
6.	EE421A	Electrical Design and Calculation Software					er, Electronic and Telecommunication g, Undergraduate Academic Studies	
7.	ZR405A Protection from the harmful effects of electricity in the application of power converters		icity in the	(Z01) Safe	ety at Work, Undergraduate Academic Studies			
8.	ZR43A			regulations in electrical s	systems (Z01)		ety at Work, Undergraduate Academic Studies	
9.	EE534			lotor Drives		(E10) Pow	er, Electronic and Telecommunication g, Master Academic Studies	
10.	M2541	Occup Machir		ety and Protection in Oper	ation with	(M22) Mechanization and Construction Engineering, Master Academic Studies		
11.	GS016	Lighting in Buildings				(G10) Energy Efficiency in Buildings, Specialised Academic Studies		

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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	me name, study type					
12.	ZRD235	Systemic regulation in the field of oc and health	cupational 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.: Influe f Advances in Electrical and Compute				ss scheme,				
4.	Power El	Vasić V., Oros Đ.: Power factor correction control Conferences and Motion Control Conferences 8-1-4673-1971-3, IEEE catalog numb	ence, EPE-PEMC 201							
5.	Rotor Sp	8., Oros Đ., Milićević D., Matić D., Vas eed Estimation, 31. Power Electronics 0, pp. 608-612, ISBN 978-3-8007-322	s, Intelligent Motion, Po							
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 Field of Electric Drives, 15. International Symposium on Power Electronics Ee, Novi Sad: Društvo za energetsku elektroniku-Novi Sad, Elektrotehnički institut "Nikola Tesla"-Beograd, Fakultet tehničkih nauka-Novi Sad, 28-30 Oktobar, 2009, pp. 1-5, ISBN 978-86-7892-208-4									
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 									
		for teacher's scientific or art and profe	essional activity:							
	ation total :		3							
		CI) list papers :	4							
Current projects : Domestic : 1 International : 0					0					



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



Study Programme Accreditation

UNDERGRADUATE ACADEMIC STUDIES

Mechanization and Construction Engineering

Academic title: Assistant Professor Name of the institution where the teacher works full time and starting date: Faculty of Technical Sciences - Novi Sad Scientific or art field: Mechatronics, Robotics and Automation and Integral Systems Academic carieer Year Institution Academic title election: 2008 Faculty of Technical Sciences - Novi Sad Mechatronics, Robotics and Automation and Integral Systems PhD thesis 2008 Faculty of Technical Sciences - Novi Sad Mechatronics, Robotics and Automation and Integral Systems Majster thesis 2003 Faculty of Technical Sciences - Novi Sad Mechatronics, Robotics and Automation and Intelligent Systems Bachor's thesis 1999 Faculty of Technical Sciences - Novi Sad Mechatronics, Robotics and Automation and Intelligent Systems Ist of courses being held by the teacher in the accredited study programmes Quality, Effectiveness and Logistics 1 H105 Fundamentals in Computer science (H00) Mechatronics, Undergraduate Academic Studies 2 H109 Fundamentals in Programming (H00) Mechatronics, Undergraduate Academic Studies 3 H1403 Automation of work processes (H00) Mechatronics, Undergraduate Academic Studies 4 H1504 Computer Integration	Name and last name: Osto					Ostojić M. Go	rdana			
Name of the institution where the teacher works full time and Starting date: Faculty of Technical Sciences - Novi Sad Scientific or at field: Mechatronics, Robotics and Automation and Integral Systems Academic title election: 2008 Faculty of Technical Sciences - Novi Sad Mechatronics, Robotics and Automation and Integral Systems Mechatronics, Robotics and Automation and Integral Systems PhD thesis 2008 Faculty of Technical Sciences - Novi Sad Mechatronics, Robotics and Automation and Intelligent Systems Magister thesis 2003 Faculty of Technical Sciences - Novi Sad Mechatronics, Robotics and Automation and Intelligent Systems ID Course name Study programme name, study type 1 H105 Fundamentals in Computer science (H00) Mechatronics, Undergraduate Academic Studies 2 H105 Fundamentals in Programming (H00) Mechatronics, Undergraduate Academic Studies 3 H1403 Systems for Survaliance and Visualisation of Process (H00) Mechatronics, Undergraduate Academic Studies 4 H1501A Systems for Survaliance and Visualisation of Process (H00) Mechatronics, Undergraduate Academic Studies 5 H1404 Components of techniologicia Systems (H00) Mechatronics, Und							Ostojić M. Gordana Assistant Professor			
starting data: 06.03.2000 Scientific or art field: Mechatronics, Robotics and Automation and Integral Systems Academic carlier Year Institution Field Academic carlier Year Institution Field Academic carlier 2008 Faculty of Technical Sciences - Novi Sat Mechatronics, Robotics and Automation and Integral Systems Magister thesis 2008 Faculty of Technical Sciences - Novi Sat Mechatronics, Robotics and Automation and Integral Systems Bachelor's thesis 1999 Faculty of Technical Sciences - Novi Sat Mechatronics, Robotics and Automation and Integral Systems It Course name Study programme name, study type Caulity, Effectiveness and Logistics It Fundamentals in Computer science (H00) Mechatronics, Undergraduate Academic Studies 1 H1051 Fundamentals in Programming (H00) Mechatronics, Undergraduate Academic Studies 3 H1403 Automation of work processes (H00) Mechatronics, Undergraduate Academic Studies 6 H310 Components of technological systems (H00) Mechatronics, Undergraduate Academic Studies 7 BM1162 Automatic identificatio	Name of the institution where the teacher works full time and Faculty of				eacher works full time and	E 11 (T		nces - Novi Sad		
Academic carieer Year Institution Field Academic title election: 2008 Faculty of Technical Sciences - Novi Sad Mechatronics, Robotics and Automation and Integral Systems PhD thesis 2008 Faculty of Technical Sciences - Novi Sad Mechatronics, Robotics and Automation and Intelligent Systems Magister thesis 2003 Faculty of Technical Sciences - Novi Sad Mechatronics, Robotics and Automation and Intelligent Systems Bachelor's thesis 1999 Faculty of Technical Sciences - Novi Sad Quality, Effectiveness and Automation and Intelligent Systems Ib Course name Study programme name, study type Itel of courses being held by the teacher in the accredited study programmes Ib Course name Study programme name, study type 1. H105 Fundamentals in Programming (H00) Mechatronics, Undergraduate Academic Studies 2. H109 Fundamentals in Programming (H00) Mechatronics, Undergraduate Academic Studies 3. H1403 Automation of work processes (H00) Mechatronics, Undergraduate Academic Studies 6. H3101 Components of technological systems (H00) Mechatronics, Undergraduate Academic Studies 7.										
Academic carieer Year Institution Field Academic title election: 2008 Faculty of Technical Sciences - Novi Sad Mechatonics, Robotics and Automation and Integral Systems PhD thesis 2008 Faculty of Technical Sciences - Novi Sad Mechatonics, Robotics and Automation and Intelligent Systems Magister thesis 2003 Faculty of Technical Sciences - Novi Sad Mechatonics, Robotics and Automation and Intelligent Systems Bachelor's thesis 1999 Faculty of Technical Sciences - Novi Sad Quality, Effectiveness and Logistics List of courses being held by the teacher in the accredited study programmes Study programme name, study type 1. H105 Fundamentals in Programming (H00) Mechatronics, Undergraduate Academic Studies 2. H106 Fundamentals in Programming (H00) Mechatronics, Undergraduate Academic Studies 3. H1403 Automation of work processes (H00) Mechatronics, Undergraduate Academic Studies 6. H3101 Computer Integration of Process (H00) Mechatronics, Undergraduate Academic Studies 7. BM1168 Acquisition, analysis and monitoring of medical data (BM0) Biomedical Engineering, Undergraduate Academic Studies	Scier	ntific or art f	ield:				, Robotics a	and Automation and Integral Systems		
Academic title election: 2008 Faculty of Technical Sciences - Novi Sad Integral Systems PhD thesis 2008 Faculty of Technical Sciences - Novi Sad Mechatronics, Robotics and Automation and Intelligent Systems Bachelor's thesis 2003 Faculty of Technical Sciences - Novi Sad Mechatronics, Robotics and Automation and Intelligent Systems Ist of courses being held by the teacher in the accredited study programmes Study programme name, study type 1. H105 Fundamentals in Computer science (H00) Mechatronics, Undergraduate Academic Studies 2. H109 Fundamentals in Programming (H00) Mechatronics, Undergraduate Academic Studies 3. H1403 Automation of work processes (H00) Mechatronics, Undergraduate Academic Studies 6. H310 Components of technological systems (H00) Mechatronics, Undergraduate Academic Studies 7. BM116B Acquisition, analysis and monitoring of medical data (BM0) Biomedical Engineering, Undergraduate Academic Studies 10. BM1106 Rehabilitation devices and systems (BM0) Biomedical Engineering, Undergraduate Academic Studies 11. II1009 Automatic identification systems (BM0) Biomedical Engineering, Undergraduate Academic Stu	Acad	emic caries	er	Year	Institution	•				
PHD Insist 2006 Packuty of rediminal sciences - Novi Sad Intelligent Systems Magister thesis 2003 Faculty of Technical Sciences - Novi Sad Mechanomics, Robinstromics, Undergraduate Academic Studies Ist of courses being held by the teacher in the accredited study programmes Study programme name, study type 1. H105 Fundamentals in Computer science (H00) Mechatronics, Undergraduate Academic Studies 2. H106 Fundamentals in Programming (H00) Mechatronics, Undergraduate Academic Studies 3. H1403 Automation of work processes (H00) Mechatronics, Undergraduate Academic Studies 6. H310 Computer Integration of Production Systems (H00) Mechatronics, Undergraduate Academic Studies 7. BM116B Acquisition, analysis and monitoring of medical data (BM0) Biomedical Engineering, Undergraduate Academic Studies 8. BM110C Automatic identification in bioengineering (BM0) Biomedical Engineering, Undergraduate Academic Studies 10. BM1106 Rehabilitation devices and systems (H10) Industrial Engineering, Undergraduate Academic Studies	Acad	emic title e	ection:	2008	Faculty of Technical Sci	ences - Novi Sa	ad			
Wild Ster Thesis 2003 Practury of rectifical sciences - Novi Sad Intelligent Systems Bachelor's thesis 1999 Faculty of Technical Sciences - Novi Sad Quality, Effectiveness and Logistics List of courses being held by the teacher in the accredited study programmes (H00) Mechatronics, Undergraduate Academic Studies 1. H105 Fundamentals in Computer science (H00) Mechatronics, Undergraduate Academic Studies 2. H109 Fundamentals in Programming (H00) Mechatronics, Undergraduate Academic Studies 3. H1403 Automation of work processes (H00) Mechatronics, Undergraduate Academic Studies 6. H310 Computer Integration of Production Systems (H00) Mechatronics, Undergraduate Academic Studies 7. BM1168 Acquisition, analysis and monitoring of medical data (BM0) Biomedical Engineering, Undergraduate Academic Studies 8. BM119C Automatic identification in bioengineering (BM0) Biomedical Engineering, Undergraduate Academic Studies 10. BM1106 Rehabilitation devices and systems (H10) Industrial Engineering, Undergraduate Academic Studies 11. II1009 Automatic identification isystems (H10) Industrial Engineering, Undergraduate Academic Studies </td <td>PhD</td> <td>thesis</td> <td></td> <td>2008</td> <td>Faculty of Technical Sci</td> <td>ences - Novi Sa</td> <td>ad</td> <td></td>	PhD	thesis		2008	Faculty of Technical Sci	ences - Novi Sa	ad			
List of courses being held by the teacher in the accredited study programmes ID Course name Study programme name, study type 1. H105 Fundamentals in Computer science (H00) Mechatronics, Undergraduate Academic Studies 2. H109 Fundamentals in Programming (H00) Mechatronics, Undergraduate Academic Studies 3. H1403 Automation of work processes (H00) Mechatronics, Undergraduate Academic Studies 5. H1504 Systems for Survaliance and Visualisation of Process (H00) Mechatronics, Undergraduate Academic Studies 6. H310 Components of technological systems (H00) Mechatronics, Undergraduate Academic Studies 7. BM116E Acquisition, analysis and monitoring of medical data (BM0) Biomedical Engineering, Undergraduate Academic Studies 8. BM116C Motion control (BM0) Biomedical Engineering, Undergraduate Academic Studies 10. BM1106 Rehabilitation devices and systems (110) Industrial Engineering, Undergraduate Academic Studies 11. II1009 Automatic identification systems (110) Industrial Engineering, Undergraduate Academic Studies 12. II101 Control of technical systems (110) Industrial Engi	Magi	ster thesis		2003	Faculty of Technical Sci	ences - Novi Sa	ad			
ID Course name Study programme name, study type 1. H105 Fundamentals in Computer science (H00) Mechatronics, Undergraduate Academic Studies 3. H1403 Automation of work processes (H00) Mechatronics, Undergraduate Academic Studies 4. H1501A Systems for Survailance and Visualisation of Process (H00) Mechatronics, Undergraduate Academic Studies 5. H1504 Computer Integration of Production Systems (H00) Mechatronics, Undergraduate Academic Studies 6. H310 Comporents of technological systems (H00) Mechatronics, Undergraduate Academic Studies 7. BM116B Acquisition, analysis and monitoring of medical data (BM0) Biomedical Engineering, Undergraduate Academic Studies 8. BM116C Motion control (BM0) Biomedical Engineering, Undergraduate Academic Studies 10. BM119C Automatic identification in bioengineering (BM0) Biomedical Engineering, Undergraduate Academic Studies 11. I11009 Automatic identification systems (110) Industrial Engineering, Undergraduate Academic Studies 12. II1010 Control of technical systems (110) Industrial Engineering, Undergraduate Academic Studies 13.	Bach	elor's thesis	5	1999	Faculty of Technical Sci	ences - Novi Sa	ad	Quality, Effectiveness and Logistics		
Image: Non-State Image: Non-State 1. H105 Fundamentals in Computer science (H00) Mechatronics, Undergraduate Academic Studies 2. H109 Fundamentals in Programming (H00) Mechatronics, Undergraduate Academic Studies 3. H1403 Automation of work processes (H00) Mechatronics, Undergraduate Academic Studies 5. H1504 Systems for Survailance and Visualisation of Process (H00) Mechatronics, Undergraduate Academic Studies 6. H310 Components of technological systems (H00) Mechatronics, Undergraduate Academic Studies 7. BM1166 Acquisition, analysis and monitoring of medical data (BM0) Biomedical Engineering, Undergraduate Academi 8. BM116C Motion control (BM0) Biomedical Engineering, Undergraduate Academic 9. BM1196 Automatic identification in bioengineering (BM0) Biomedical Engineering, Undergraduate Academic 10. BM1106 Rehabilitation devices and systems (110) Industrial Engineering, Undergraduate Academic 11. I11009 Automatic identification systems (110) Industrial Engineering, Undergraduate Academic 12. I1101 Control of technical systems (110)	List c	of courses b	eing he	ld by the te	acher in the accredited stu	udy programme	s			
2. H100 Fundamentals in Programming (H00) Mechatronics, Undergraduate Academic Studies 3. H1403 Automation of work processes (H00) Mechatronics, Undergraduate Academic Studies 4. H1501A Computer Integration of Production Systems (H00) Mechatronics, Undergraduate Academic Studies 5. H1504 Computer Integration of Production Systems (H00) Mechatronics, Undergraduate Academic Studies 6. H310 Components of technological systems (H00) Mechatronics, Undergraduate Academic Studies 7. BM116B Acquisition, analysis and monitoring of medical data (BM0) Biomedical Engineering, Undergraduate Academi Studies 8. BM116C Motion control (EM0) Biomedical Engineering, Undergraduate Academi Studies 9. BM1192 Automatic identification in bioengineering (EM0) Biomedical Engineering, Undergraduate Academic Studies 10. BM1106 Rehabilitation devices and systems (110) Industrial Engineering, Undergraduate Academic Studies 11. II1009 Automatic identification systems (110) Industrial Engineering, Undergraduate Academic Studies 12. II1010 Control of technical systems (110) Industrial Engineering, Undergraduate Academic Studies 13. II1012		ID	Course	e name			Study pro	gramme name, study type		
3. H1403 Automation of work processes (H00) Mechatronics, Undergraduate Academic Studies 4. H1501A Systems for Survailance and Visualisation of Process (H00) Mechatronics, Undergraduate Academic Studies 5. H1504 Computer Integration of Production Systems (H00) Mechatronics, Undergraduate Academic Studies 6. H310 Components of technological systems (H00) Mechatronics, Undergraduate Academic Studies 7. BM116B Acquisition, analysis and monitoring of medical data (BM0) Biomedical Engineering, Undergraduate Academic Studies 9. BM116C Motion control (BM0) Biomedical Engineering, Undergraduate Academic Studies 10. BM1106 Rehabilitation devices and systems (IB0) Biomedical Engineering, Undergraduate Academic Studies 11. II1009 Automatic identification systems (I10) Industrial Engineering, Undergraduate Academic Studies 12. II1010 Control of technical systems (I10) Industrial Engineering, Undergraduate Academic Studies 13. II1015 Programmable Logic Controllers (PLC) (I10) Industrial Engineering, Undergraduate Academic Studies 14. II1029 Computer integrated manufacturing (I10) Industrial Engineering, Undergraduate Academic Studies 15. <td>1.</td> <td>H105</td> <td>Funda</td> <td>mentals in</td> <td>Computer science</td> <td></td> <td>(H00) Med</td> <td>chatronics, Undergraduate Academic Studies</td>	1.	H105	Funda	mentals in	Computer science		(H00) Med	chatronics, Undergraduate Academic Studies		
4. H1501A Systems for Survailance and Visualisation of Process (H00) Mechatronics, Undergraduate Academic Studies 5. H1504 Components of technological systems (H00) Mechatronics, Undergraduate Academic Studies 6. H310 Components of technological systems (H00) Mechatronics, Undergraduate Academic Studies 7. BM116B Acquisition, analysis and monitoring of medical data (BM0) Biomedical Engineering, Undergraduate Academic Studies 8. BM116C Motion control (BM0) Biomedical Engineering, Undergraduate Academic Studies 9. BM119C Automatic identification in bioengineering (BM0) Biomedical Engineering, Undergraduate Academic Studies 10. BM1106 Rehabilitation devices and systems (110) Industrial Engineering, Undergraduate Academic Studies 11. I11009 Automatic identification systems (110) Industrial Engineering, Undergraduate Academic Studies 12. II1010 Control of technical systems (110) Industrial Engineering, Undergraduate Academic Studies 13. II1015 Programmable Logic Controllers (PLC) (110) Industrial Engineering, Undergraduate Academic Studies 14. II1029 Computer integrated manufacturing (110) Industrial Engineering, Undergraduate Academic Studies	2.	H109	Funda	mentals in	Programming		(H00) Med	chatronics, Undergraduate Academic Studies		
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9. BMIT19C Automatic identification in bidelighteening Studies 10. BMI106 Rehabilitation devices and systems (BMO) Biomedical Engineering, Undergraduate Academic Studies 11. II1009 Automatic identification systems (110) Industrial Engineering, Undergraduate Academic Studies 12. II1010 Control of technical systems (110) Industrial Engineering, Undergraduate Academic Studies 13. II1015 Programmable Logic Controllers (PLC) (110) Industrial Engineering, Undergraduate Academic Studies 14. II1029 Computer integrated manufacturing (110) Industrial Engineering, Undergraduate Academic Studies 15. II1045 Systems for measurement, surveillance and control (110) Industrial Engineering, Undergraduate Academic Studies 16. II1048 Artificial intelligence in engineering (110) Industrial Engineering, Undergraduate Academic Studies 17. IM1022 Fundamentals of technical systems control (120) Engineering Management, Undergraduate Academic Studies 18. IM1035 Identification technologies in enterprises (120) Engineering Management, Undergraduate Academic Studies 19. IM1117 Computer integrated manufacturing (CIM) (120) Engineering Management, Undergraduate Academis Studies	8.	BM116C	Motior	n control			(BM0) Biomedical Engineering, Undergraduate Academic Studies			
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21. technology 22. HDOS13 Motion control and application of MEMS (112) Industrial Engineering, Specialised Academic Studi				ntion						
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23. [100017] Nonindustrial automation [(112) Industrial Engineering, Specialised Academic Studi			Motion control and application of MEMS							
	23.	100314	* Nonindustrial automation				(112) Indus	strial Engineering, Specialised Academic Studies		

UNIVERSITY OF NOVI SAD

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		
24.	IMDR0S	Selected chapters in enterprise's design, organization and control	(112) Industrial Engineering, Specialised Academic Studies (122) Engineering Management, Specialised Academic Studies		
25.	PLM09	Systems and Devices for Tracking Products Through Life Cycle	(11U) Industrial Engineering - Product Lifecycle Management and Development, Master Academic Studies		
26.	NIT06	Advanced Technologies for Manufacturing Support	(NIT) Industrial Engineering - Advanced Engineering Technologies, Master Academic Studies		
27.	H845	Motion control	(H00) Mechatronics, Master Academic Studies (I10) Industrial Engineering, Master Academic Studies		
28.	1903	Application of microelectromechanical systems	(110) Industrial Engineering, Master Academic Studies		
29.	1907	Automated Assembly Systems for High Accuracy	(H00) Mechatronics, Master Academic Studies (PM0) Production Engineering, Master Academic Studies		
30.	IIDS6	Selected chapters in automation	(112) Industrial Engineering, Specialised Academic Studies		
31.	IM2716	Automation systems in insurance	(I20) Engineering Management, Master Academic Studies		
32.	HDOK12	Research in the area of automatic identification technologies	(H00) Mechatronics, Doctoral Academic Studies		
33.	HDOK13	Motion control and the application of MEMS	(H00) Mechatronics, Doctoral Academic Studies		
34.	HDOK14	Non-industrial Automation	(H00) Mechatronics, Doctoral Academic Studies		
35.	HDOK-3	Selected Chapters in Automation Systems Integration	(H00) Mechatronics, Doctoral Academic Studies		
36.	HDOKL3	Selected Chapters in Automation Systems Integration	(H00) Mechatronics, Doctoral Academic Studies		
37.	HDOL12	Research in the area of automatic identification technologies	(H00) Mechatronics, Doctoral Academic Studies		
38.	HDOL13	Motion controla and application of MEMS	 (H00) Mechatronics, Doctoral Academic Studies (120) Industrial Engineering / Engineering Management, Doctoral Academic Studies 		
39.	HDOL14	Nonindustrial automation	(H00) Mechatronics, Doctoral Academic Studies (I20) Industrial Engineering / Engineering Management, Doctoral Academic Studies		
40.	IMDR0	Science of Industrial Engineering and Management	(I20) Industrial Engineering / Engineering Management, Doctoral Academic Studies		
41.	IMDR80	Selected chapters in automation	(I20) Industrial Engineering / Engineering Management, Doctoral Academic Studies		
Rep	oresentative	e refferences (minimum 5, not more than 10)			
1.		ki S., Tarjan L., Škrinjar D., Ostojić G., Šenk I.: Using a Did IEEE Transactions on Education, 2010, Vol. 53, No 4, pp. 5	lactic Manipulator in Mechatronics and Industrial Engineering 572-579, ISSN 0018-9359		
2.	success f	Stankovski S., Ostojić G., Tešić Z., Miladinović Lj.: Method factors – a case study in oil and gas industries (DOI:10.1086 SN 1751-7575	of evaluating the impact of ERP implementation critical 0/17517575.2012.690105), Enterprise Information Systems,		
3.		ki S., Ostojić G., Šenk I., Rakić-Skoković M., Trivunović S., I. 69, No 1, pp. 75-80, ISSN 0103-9016	Kučević D.: Dairy cow monitoring by RFID, Scientia Agricola,		
4.	Simulatio	J., Petrović N., Miladinović Lj., Popkonstantinović B., Stoim n of Fast Hydraulic Actuators, Iranian Journal of Science ar 11 , pp. 95-106, ISSN 2228-6187.	enov M., Petrović D., Ostojić G., Stankovski S.: Computer nd Technology - Transactions of Mechanical Engineering, Vol.		
5.	Stankovs Science a	ki S., Ostojić G., Tarjan L., Škrinjar D., Lazarević M.: IML R and Technology - Transactions of Mechanical Engineering,	Robot Grasping Process Improvement, Iranian Journal of Vol. 35, No. M1 , pp. 61-71, ISSN 2228-6187.		
6.		3., Popović N., Mijić D., Stankovski S., Ostojić G.: Remote A LabVIEW-based Implementation DOI: 10.1002/cae.2053 51-3773			
7.	Stankovs Cycle , A	ki S., Lazarević M., Ostojić G., Ćosić I., Purić R.: RFID Tec ssembly Automation, 2009, Vol. 29, No 4, pp. 364-370, ISS	hnology in Product/Part Tracking During the Whole Life N 0144-5154		
8.	Vukelić Đ		J., Simeunović N.: Machining fixture assembly/disassembly		
9.		G., Stankovski, S.: Sistemi i uređaji za praćenje proizvoda to			
10.	Ostojić, O MECHAT	S.,Stankovski, S., Tarjan, L., Šenk, I., Jovanović, V., DEVEL	OPMENT AND IMPLEMENTATION OF DIDACTIC SETS IN ternational Journal of Engineering Education; 2010, Vol. 26,		



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

Study Programme Accreditation

Mechanization and Construction Engineering

UNDERGRADUATE ACADEMIC STUDIES

Summary data for teacher's scientific or art and professional activity:										
Quotation total : 25										
Total of SCI(SSCI) list papers :	17									
Current projects :	Domestic :	3	International :	2						



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



Study Programme Accreditation

UNDERGRADUATE ACADEMIC STUDIES

Mechanization and Construction Engineering

Magister thesis 1981 School of Electrical Engineering - Beograd Electrical and I Bachelor's thesis 1978 Faculty of Technical Sciences - Novi Sad Electrical and I List of courses being held by the teacher in the accredited study programmes Study programme name, (E20) Computing and Con Academic Studies 1. E216 Fundamentals of Electrical Engineering (E20) Computing and Con Academic Studies 2. I087 Electrical Engineering in Industrial Engineering (GI0) Geodesy and Geom Studies 3. E105 Fundamentals of Electrical Engineering 1 (E10) Power, Electronic at Engineering 1 4. E110 Fundamentals of Electrical Engineering 2 (E10) Power, Electronic at Engineering 2 5. II1007 Fundamental electrical engineering 2 (I10) Industrial Engineering 3	Computer Engineering Computer Engineering Computer Engineering Study type rol Engineering, Undergraduate						
Name of the institution where the teacher works full time and starting date: Faculty of Technical Sciences - Novi Sad 01.07.1978 Scientific or art field: Theoretical Electrotechnics Academic carieer Year Institution Field Academic title election: 2001 Faculty of Technical Sciences - Novi Sad Theoretical Electrical and of Magister thesis 1984 School of Electrical Engineering - Beograd Electrical and of Electrical and of Bachelor's thesis ID Course name Study programmes Electrical and of Course name ID Course name Study programme name, (E30) Power Software En- Academic Studies 2. I087 Electrical Engineering in Industrial Engineering (Gi0) Geodesy and Geom Studies 3. E105 Fundamentals of Electrical Engineering 1 (HR0) Measurement and Undergraduate Academic Studies 4. E110 Fundamentals of Electrical Engineering 2 (C10) Power, Electroica a Engineering, Undergraduate 5. II1007 Fundamentals of Electrical Engineering 2 (C10) Power, Electroica a Engineering, Undergraduate 6. II1007 Fundamentals of Electrical Engineering (C10) Nower, Electroica a Engineering 5. Fundamental ele	Computer Engineering Computer Engineering Computer Engineering Computer Engineering Study type rol Engineering, Undergraduate ineering, Undergraduate						
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7. IM1022 Fundamentals of technical systems control Studies 8. LIR7R12 Introduction to electrical engineering (ZP0) Disaster Risk Mana							
8 LIRZP12 Introduction to electrical engineering (ZP0) Disaster Risk Mana	Construction Engineering,						
	tudies						
9. DE208S Selected Chapters on Electromagnetic Compatibility (E11) Power, Electronic al Engineering, Specialised A	cademic Studies						
10. DE408S Selected chapters inl electromagnetics (E11) Power, Electronic al Engineering, Specialised A	cademic Studies						
11. URZP55 Fire and Explosion Protection due to Electricity (ZP1) Disaster Risk Mana Academic Studies	ement and Fire Safety, Master						
12. DE208 Selected Chapters on Electromagnetic Compatibility (E10) Power, Electronic an Engineering, Doctoral Acad							
13. DE408 Selected Chapters in Electromagnetics (E10) Power, Electronic an Engineering, Doctoral Acad							
Representative refferences (minimum 5, not more than 10)	Representative refferences (minimum 5, not more than 10)						
1. Neda Pekarić-Nadj, Vera Bajović, "Izbor rešenih problema iz Osnova elektrotehnike", Gradjevins							
2. Neda Pekarić-Nadj, Dejana Herceg, "Osnovi elektrotehnike za studente Računarskog odseka" e	a knjiga, Beograd, 2007						
 Nikolajević S, Pekarić-Nadj N, Dimitrijević R, "Optimization of cable terminations", IEEE Trans. P 527-532 							
 4. Nikolajević S, Pekarić-Nadj N, Dimitrijević R, "A new concept in construction of cable termination Trans. Power Delivery, Volume 13, No. 3, July 1998, p.p. 712-718 	icja FTN, Novi Sad, 2005						

HASTAS STUDIOR			UNIVERSITY OF NO	OVI SAD		WHIKNX Ha			
		FACULTY OF TECHNICAL SCIENCES 21000 NOVI SAD, TRG DOSITEJA OBRADOVIĆA 6							
U. NE	25 × 25 ×	Study Programme Accreditation							
4	LANTER	UNDERGRADUATE ACADEMIC	STUDIES M	echanization and	Construction Engineering	- F			
Rep	presentative r	efferences (minimum 5, not more th	an 10)						
5.	5. Šećerov Sokolović R., Sokolović S., Mihajlović Đ., Gelei T., Pekarić Nađ N., Šević S.: Effect of pulsed electromagnetic field on crude oil rheology, Industrial and Engineering Chemistry Research, 1998, Vol. 37, No 12, pp 4828-4834, ISSN 0888-5885								
6.	Buranj N., I	Milutinov M., Pekarić Nađ N.: Uređa	aj za izlaganje malih t	ečnih uzoraka ma	gnetskom polju, 2011				
7.	Juhas A., Pekarić Nađ N., Herceg D.: Estimation of Human Exposure to Combined RF EM Field of Multiple Antennas, 5. International PhD Seminar on Computational Electromegnetics and Optimization inElectrical Engineering CEMOEE, Sofija: Proceedings of International PhD Seminar on Computational electromagnetics and optimization in electrical engineering – CEMOEE 2010, Sofia, Bulgaria, 10-13 September, 2010, 10-13 Septembar, 2010, pp. 27-31, ISBN 978-954-438-856-0								
8.	Herceg D., Pekarić Nađ N., Juhas A.: Shield shape influence on a coreless probe inductance, 5. International PhD Seminar on								
9.	Milutinov M. Juhas A. Bokarić Nađ N.: Dowor line surrouts data extraction from magnetic field measurements. 17. International								
10.	Dimitrijević R., Tasić D., Raičević N., Aleksić S., Pekarić Nađ N.: Analysis of a MV XLPE Cable Termination Design with Embedded Electrodes, Facta universitatis - series: Electronics and Energetics, 2010, Vol. 23, No 1, pp. 99-117, ISSN 0353-3670								
Sur	Summary data for teacher's scientific or art and professional activity:								
Quot	tation total :		16						
Tota	I of SCI(SSCI)	list papers :	3						
Curre	ent projects :		Domestic :	2	International :	1			



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



Study Programme Accreditation

UNDERGRADUATE ACADEMIC STUDIES

Mechanization and Construction Engineering

Nam	e and last n	ame.			Plančak F. M	iroslav			
Name and last name: Academic title:					Plančak E. Miroslav Full Professor				
					Full Professor Faculty of Technical Sciences - Novi Sad				
					01.01.1975				
	ntific or art f	ield:				nation Tech	nology, Rapid Prototyping, Virtual		
	emic caries		Year	Institution			Field		
Acad	emic title el	lection:	1995	Faculty of Technical Sci	ences - Novi Sa	ad	Plastic Deformation Technology, Rapid Prototyping, Virtual		
PhD	thesis		1985	Faculty of Technical Sci	ences - Novi Sa	ad	Plastic Deformation Technology, Rapid Prototyping, Virtual		
Magi	ster thesis		1979	Faculty of Technical Sci	ences - Novi Sa	ad	Plastic Deformation Technology		
Bach	elor's thesis	S	1969	Faculty of Technical Sci	ences - Novi Sa	ad	Plastic Deformation Technology, Rapid Prototyping, Virtual		
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.	IA016	Introdu	uction to Vir	tual Reality Technology		(F10) Eng Studies	ineering Animation, Undergraduate Academic		
2.	P207	Metal	forming			(P00) Proo Studies	duction Engineering, Undergraduate Academic		
3.	P2401	Advan	ced Methoo	ls in Metal Forming		(P00) Prod Studies	duction Engineering, Undergraduate Academic		
4.	P2413	Compu Formir		Design of Tools and Dies f	for Metal	(P00) Proo Studies	duction Engineering, Undergraduate Academic		
5.	P303	Machir	nes for Proc	essing by Deforming		(P00) Proo Studies	P00) Production Engineering, Undergraduate Academic tudies		
6.	P3403	Techn materi		stic Forming - Shaping of	plastic	(P00) Proo Studies	00) Production Engineering, Undergraduate Academic udies		
7.	P3503	Machir	nes and De	vices for Plastic Processir	ng	(P00)Proo Studies			
8.	BM119D	Reverse engineering and rapid prototyping engineering			in biomedical	(BM0) Biomedical Engineering, Undergraduate Academic Studies			
9.	M2062					Undergrad (M40) Tec	chanization and Construction Engineering, uate Academic Studies chnical Mechanics and Technical Design, uate Academic Studies		
10.	P2407	Rapid	Prototyping	and Rapid Tooling			duction Engineering, Master Academic Studies		
11.	P3501	-	esigning fo			, ,	duction Engineering, Master Academic Studies		
12.	P3503A		0 0	ocess Systems for Plastic	Treatment	(PM0) Pro	Production Engineering, Master Academic Studies		
13.	NIT01	Innova	tive Produc	t Development		(NIT) Indu	strial Engineering - Advanced Engineering ies, Master Academic Studies		
14.	BMIM4B	Techn	ologies of s	haping biomedical materia	als		medical Engineering, Master Academic Studies duction Engineering, Master Academic Studies		
15.	MIA11	Machines and dies for powder forming					duction Engineering, Master Academic Studies		
16.	P321	Revers	se Engineei	ing and Rapid Prototyping	g	(110) Indus	strial Engineering, Master Academic Studies		
17.	PMISP1			nulation of Metal Forming			duction Engineering, Master Academic Studies		
18.	DM411	Contemporary Approach to Integration of R Engineering of Rapid Prototyping, Tools, Pr			everse	, ,	chanical Engineering, Doctoral Academic Studies		
19.	DP001	Desigr Engine	Virtual Manufacturing Design and Research Methods in Production Engineering			(M00) Med	chanical Engineering, Doctoral Academic Studies		
20.	DP005	State a		cies in Development of M ment	etrology,	(M00) Med	chanical Engineering, Doctoral Academic Studies		
21.	DP008			thods and TPD Systems		(M00) Med	chanical Engineering, Doctoral Academic Studies		
22.	DP012	Physic	al Modellin	g and TPD Simulation by	Computers	(M00) Med	chanical Engineering, Doctoral Academic Studies		
23.	DP015	Nonco	nventional	Procedures of Forming in	TPD	(M00) Med	chanical Engineering, Doctoral Academic Studies		
24.	DP027		ced technol acturing	ogies of plastics packiging	g	(M00) Med	chanical Engineering, Doctoral Academic Studies		
25.	DP029			pment of Polymeric Produ	ucts	(M00) Med	chanical Engineering, Doctoral Academic Studies		

UNIVERSITY OF NOVI SAD



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



Study Programme Accreditation

UNDERGRADUATE ACADEMIC STUDIES Me

Representative refferences (minimum 5, not more than 10)									
1.	1. Essa K., Kacmarcik I., Hartley P., Plancak M., Vilotic D.: Upsetting of bi-metallic ring billets, Journal of Materials Processing Technology, 2012, Vol 212, Nr 4, pp. 817-824, ISSN/ISBN: 0924-0136								
2.	Vilotić D., Plančak M., Čupković Đ., Aleksandrov S., Aleksandrov N.: Free Surface Fracture in Three Upsetting Tests, Experimental Mechanics, 2006, Vol 46, pp. 115-120, ISSN: 0014-4851								
3.	Plančak M., Bramley A. N., Osman F. H.: Some observation on contact stress measurement by pin load cell in bulk metal forming, Journal of Material and Processing Technology 60, 1996, pp. 339-342, ISSN/ISBN: 0924-0136								
4.	Plančak M., Bramley A. N Osman F. H.: Non conventional cold extrusion, Journal of Material and Processing Technology 34, 1992, pp. 465-472, ISSN/ISBN: 0924-0136								
5.	Hiroši I., Plančak M.: Coining process as a means of controlling surface microgeometry, Journal of Material Processing Technology, Vol 80-81, 1998, pp. 101-107, ISSN/ISBN: 0924-0136								
6.	Plančak M., Vollertsen F., Woitschig J.: Analysis, finite element simulation and experimental investigation of friction in tube hydroforming, Journal of Material Processing Technology, Vol. 170, Issue I-2, 2005, pp.220-228, ISSN/ISBN: 0924-0136								
7.	Vollertsen F., Plančak M.: On possibilities for the determination of the coefficient of friction in hydroforming of tubes, Journal of Material processing Technology, Vol 125-126, 2002, pp. 412-420, ISSN/ISBN: 0924-0136								
8.	Plančak M.: Stress distribution within specimen in cold forward extrusion of steel, Journal of Materials Processing Technology, Vol 24, 1990, pp. 387-394, ISSN/ISBN: 0924-0136								
9.	Vilotic D. Alexandrov S. Plancak M. Vilotic M. Jvanisovic L. Kacmarcik L. Material Formability at Linsetting by Cylindrical and								
10.	Plancek M, Hartley P, Essa K, Vilotic D, Movrin D, Luzanin O, Deformation analysis during himetallic coining operations. Steel								
Sur	mmary data for teacher's scientific or art and profe	essional activity:							
Quot	tation total :	92							
Tota	l of SCI(SSCI) list papers :	23							
Curre	ent projects :	Domestic :	1	International :	2				



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



Study Programme Accreditation

UNDERGRADUATE ACADEMIC STUDIES

Mechanization and Construction Engineering

News				quamoationo	Danahi (D.) (I	! -			
	Name and last name:					Porobić B. Vlado			
Academic title:					Assistant Professor				
					Faculty of Technical Sciences - Novi Sad 24.04.2000				
	ntific or art f	ield:				onics. Machi	ines and Facilities		
	lemic carie		Year	Institution		,	Field		
Acad	lemic title e	lection:	2012	Faculty of Technical Sci	ences - Novi S	ad	Power Electronics, Machines and Facilities		
	thesis		2012	Faculty of Technical Sci			Power Electronics, Machines and Facilities		
Magi	ster thesis		2005	Faculty of Technical Sci			Power Electronics, Machines and Facilities		
Bach	elor's thesis	s	2000	Faculty of Technical Sci	ences - Novi S	ad	Power Electronics, Machines and Facilities		
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	ogramme name, study type		
1.	EE520	Desigr	n of Electric	al Machines and Converte	ers	Èngineerin	er, Electronic and Telecommunication g, Master Academic Studies er, Electronic and Telecommunication		
						- <u> </u>	g, Undergraduate Academic Studies		
2.	EOS08	Electri	cal machine	es and devices		Energy, Ur	ver Engineering - Renewble Sources of Electrical ndergraduate Professional Studies		
3.	EOS18	Indust	rial Protoco	ls and Network			ver Engineering - Renewble Sources of Electrical ndergraduate Professional Studies		
4.	EOS20	Electri	cal Drives a	and Control			ver Engineering - Renewble Sources of Electrical ndergraduate Professional Studies		
5.	EOS23	Wind E	Energy Con	version System			E01) Power Engineering - Renewble Sources of Electrical Energy, Undergraduate Professional Studies		
6.	HE2465	Mecha	atronics of T	ransport and Construction	n Machines		N20) Mechanization and Construction Engineering, Indergraduate Academic Studies		
7.	EE424A	Power Electronic in Drive and Industry					E10) Power, Electronic and Telecommunication ngineering, Undergraduate Academic Studies		
8.	EE430	Control circuits in power electronics					(E10) Power, Electronic and Telecommunication Engineering, Undergraduate Academic Studies		
9.	EOS11	Application of microprocessor in energetics					ver Engineering - Renewble Sources of Electrical ndergraduate Professional Studies		
10.	EOS26	Small	hydro plant	S			ver Engineering - Renewble Sources of Electrical ndergraduate Professional Studies		
11.	EE520	Design of Electrical Machines and Converte			ers	Èngineerin	er, Electronic and Telecommunication g, Master Academic Studies		
						(E10) Power, Electronic and Telecommunication Engineering, Undergraduate Academic Studies			
12.	SI021	Power	Electronic	in Drive and Industry		(E00) Power, Electronic and Telecommunication Engineering, Specialised Professional Studies			
13.	SI031	Indust	rial System	s and Protocols			ver, Electronic and Telecommunication g, Specialised Professional Studies		
Rep	oresentative	e reffere	nces (minin	num 5, not more than 10)					
1.	Upravljar	ije asinh	nronim moto	prom bez davača položaja	pri velikim brz	inama obrta	nja, 2012.		
2.							ion Motor Drive with Field Angle Correction," , 2011., ISSN 1827-6660, (M22).		
3.	V. Porobi	ć, E. Ac	lžić, D. Mar	četić, "Performance Evalu	ation of Field A	ngle Corre	ction Scheme for High Speed Sensorless IM", C 2012 ECCE Europe, Novi Sad, Serbia		
4.				do: Primena mikroproceso str., ISBN 978-86-7892-32		i, praktikum	laboratorijskih vežbi , Novi Sad, Fakultet tehničkih		
5.				četić, Algoritam slabljenja na Vol. 9, Ref. A-13, p. 65			g asinhronog motora pogodan za pogone u		
6.	V.Porobio	ć, D. Ma	rčetić, E. A		n motor drive i	n high speed	d range - some aspects of digital implementation", bar 2010.		
7.	D. Reljić, Čorba, "N	D. Milić /lodern l	ević, E. Ad laboratory t	žić, B. Dumnić, S. Grabić,	V.Porobić, M.	Vekić, Z. lv	anović, V. Katić, V. Vasić, D. Marčetić, Đ. Oros, Z. al drives", XV Međunarodni simpozijum		

4	TAS STUD		UNIVERSITY OF NC	UNIVERSITY OF NOVI SAD						
AND AND	IN CHARLES	FACULTY OF TECHNICAL SCI	ENCES 21000 NOVI	ENCES 21000 NOVI SAD, TRG DOSITEJA OBRADOVIĆA 6						
NO.NEO	ANTEN ST	Study F	•	rogramme Accreditation TUDIES Mechanization and Construction Engineering						
Rer	oresentative re	efferences (minimum 5, not more th				-				
8.	 P. Matić, D. Marčetić, E. Adžić, V. Porobić, S. Vukosavić, "Projektovanje i izrada razvojnog okruženja za verifikaciju algoritma digitalnog upravljanja asinhronim motorom", Infoteh-Jahorina Vol. 8, Ref. A-10, p. 42-46, March 2009. 									
9.		. Katić, V. Porobić, "Mogućnosti ko odručju Novog Sada", Konferencija								
10.	J.Timer, E. Adžić, V. Porobić, D. Marčetić, "Influence of Rotor Time Constant error on IFOC Control Structure", ELECTRONICS, VOL. 13, NO. 1, June 2009									
Sur	mmary data fo	r teacher's scientific or art and profe	essional activity:							
Quot	tation total :		0							
Tota	l 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

Mechanization and Construction Engineering

· · ·		•		•					
Name and last name:						Prša A. Miroslav			
Academic title:						Associate Professor			
Name of the institution where the teacher works full time and starting date:					e and				
	ntific or art f	ield:				29.09.1975 Theoretical E	lectrotechni	CS .	
	lemic carie		Year	Institution				Field	
	lemic title e		2010	Institution				Theoretical Electrotechnics	
	thesis		1986	Faculty of Technic	al Sci	ences - Novi S	he	Electrical and Computer Engineering	
				Faculty of Natural					
	ster thesis	_	1974	Ljubljana Faculty of Natural		Ũ	Ũ	Electrical and Computer Engineering	
	elor's thesis		1971 Id by the te	Ljubljana acher in the accredit		-	-	Electrical and Computer Engineering	
LISCO							.5		
	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	
							U U	ergy and Process Engineering, Undergraduate	
								chnical Mechanics and Technical Design, uate Academic Studies	
2.	M112	M112 Electric		2 Electrical Engineering and Electric Machine		is	(P00)Proo Studies	duction Engineering, Undergraduate Academic	
						(S00) Traf Academic	fic and Transport Engineering, Undergraduate Studies		
					(S01) Postal Traffic and Telecommunication Undergraduate Academic Studies				
3.	Z107	Z107 Electrical Engineering, Environment and Pro				otection	· ,	ety at Work, Undergraduate Academic Studies ronmental Engineering, Undergraduate Academic	
							Studies		
4.	EE543	Electro	o Magnetic	Energy			(E10) Power, Electronic and Telecommunication Engineering, Master Academic Studies		
5.	EM511	Quant	um and Org	anic Electronics				er, Electronic and Telecommunication g, Master Academic Studies	
Rep	oresentative	e reffere	nces (minin	num 5, not more thar	n 10)				
1.				nem vodniku pravok , 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, Tailanc			dance, PSU	-UNS International Conference on Engineering	
4.				rša: Electric Field of nt – ICEE - 200, Phu				ms, PSU-UNS International Conference on	
5.	D. Herce	g , Β. Vι	ujičić, Miros	lav Prša: Determinat	tion o	f EM field and i	nduced EMI	F of Voltage Measuring Trnasformer, 8th do 5. Septembar, 2007.	
6.	M. Milutir	10V , A.	Juhas, M. F		trengt	th and Pplarizat	tion of Multi	Three-Phase Power Lines , 8th International	
7.	M. Prša ,	K. Kasa	aš-Lažetić:		inatio	n of Current Di	stribution wi	thin the Earth, 8th International Conference on	
8.			-					d, Stylos, 1995. 248 str.	
9.	M. Prša,	L. Juhas	s: Osnovi e		lente			a - zbirka zadataka, Novi Sad, FTN - Edicija	
Sur				tific or art and profes		l activity:			
	ation total :			· · · · ·	0				
	of SCI(SS	CI) list p	apers :		0				
	ent projects				Dome	estic :	0	International : 0	
							-		



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



Study Programme Accreditation

UNDERGRADUATE ACADEMIC STUDIES

Mechanization and Construction Engineering

Nam	e and last n	ame.			Radaković I	Nikola			
Name and last name: Academic title:					Radaković J. Nikola Associate Professor				
					Faculty of Technical Sciences - Novi Sad				
			01.11.1978						
	ntific or art f	ield:				vstems, Org	anization and Management		
Acad	emic cariee	er	Year	Institution	•	<u>, , , ,</u>	Field		
Acad	emic title el	lection:	2012	Faculty of Technical Sci	ences - Novi S	ad	Production Systems, Organization and Management		
PhD	thesis		2001	Faculty of Technical Sci	ences - Novi S	ad	Production Systems, Organization and Management		
Magi	ster thesis		1989	Faculty of Technical Sci	ences - Novi S	ad	Production Systems, Organization and Management		
Bach	elor's thesis	S	1978	Faculty of Technical Sci	ences - Novi S	ad	Production Systems, Organization and Management		
List c	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.	1914	Projec	t Managem	ent			chanization and Construction Engineering, luate Academic Studies		
2.	II1006	Proces	ssing Techr	nology Products		(110) Indus Studies	strial Engineering, Undergraduate Academic		
3.	II1008	Desigr	n methods o	of working procedures (CA	APP, CAM)	(110) Indus Studies	strial Engineering, Undergraduate Academic		
4.	II1019	Project Management				(110) Indus Studies) Industrial Engineering, Undergraduate Academic ies		
5.	IM1016	Production and Service Technologies				(I20) Engi Studies	I20) Engineering Management, Undergraduate Academic tudies		
6.	IM1113	Improvement of products and processes				(I20) Engin Studies) Engineering Management, Undergraduate Academic dies		
7.	IM1306	Project Management				(I20) Engin Studies	I20) Engineering Management, Undergraduate Academic Studies		
8.	IM1315	Managing TQM projects				(I20) Engir Studies			
9.	IM1320	Projec	t Risk Mana	agement		(I20) Engir Studies	neering Management, Undergraduate Academic		
10.	IMDR0S	Select and co		s in enterprise's design, or	ganization	· /	strial Engineering, Specialised Academic Studies neering Management, Specialised Academic		
11.	IIDS10	Effecti	ve technolo	gical and production struc	ctures	` '	strial Engineering, Specialised Academic Studies neering Management, Specialised Academic		
12.	IIDS5	Select and co		s in enterprise's design, or	ganization		strial Engineering, Specialised Academic Studies		
13.	IM2116	Improv	ement of c	ompany flows		(I20) Engir	neering Management, Master Academic Studies		
14.	IM2313	Planni	ng, guidanc	e and control of the proje	ct	(I20) Engir	neering Management, Master Academic Studies		
15.	IMDS71	Select	ed topics of	f project management		(I22) Engi Studies	neering Management, Specialised Academic		
16.	IMDR0	Scienc	e of Indust	rial Engineering and Mana	agement	· · ·	strial Engineering / Engineering Management, cademic Studies		
17.	IMDR5	Selected chapters in enterprise's design, organd control			ganization	· · ·	strial Engineering / Engineering Management, cademic Studies		
18.	IMDR71	Select	ed topics of	f project management			strial Engineering / Engineering Management, cademic Studies		
19.	19. IMDR85 Effective technological and production structures						strial Engineering / Engineering Management, cademic Studies		
Rep	oresentative	e reffere	nces (minin	num 5, not more than 10)					
1.	Organiza	tional S	ystems", St		of Mechanical I	Engineering	Technology in Complex Cluster type , University of Ljubljana, Faculty of Mechanical		



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



Study Programme Accreditation

UNDERGRADUATE ACADEMIC STUDIES Mecha

Representative refferences (minimu	m 5, not more th	an 10)						
	of Canadian Petroleum Technology, 2012, Vol. 51, No 6, pp. 487-492, ISSN 0021-9487							
 Ćosić, I., Radaković, N., Sime 3. Conference on Industrial Syst menadžment, Novi Sad, 2008 	ems - IS, Procee	dings, str. 31-36, Faku	iltet tehničkih nau					
4. Scientific Conference on Indu	 Morača, S., Radaković, N.: "The Group Approach Application In Complex Organizational Cluster Type Systems", XIV Internation Scientific Conference on Industrial Systems - IS, Proceedings, str. 427-431, Fakultet tehničkih nauka - Departman za industrijsk inženjerstvo i menadžment, Novi Sad, 2008., UDK 658.5, ISBN 978-86-7892-135-3 							
5. Annals of DAAAM for 2008 &	 Ćosić, I., Radaković, N., Simeunović, N., Lalić, B.: "Creating the Service Product by Applying the General Work Procedure Model Annals of DAAAM for 2008 & Proceedings of the 19th International DAAAM Symposium, DAAAM International, Trnava, Slovakia, 2008., pp. 287-288, ISSN 1726-9679, ISBN: 978-3-901509-68-1, Published by DAAAM International Vienna, Vienna 							
	· · · · · · · · · · · · · · · · · · ·							
	Ćosić, I., Radaković, N., Lalić, B., Simeunović, N.: "The General Work Procedure Model for the Service Product", pp. 281-288, DAAAM International Scientific Book 2009, DAAAM International Vienna, 2009, ISSN 1726-9687, ISBN: 987-3-901509-71-1							
 Vulanović, V., Stanivuković, D., Kamberović, B., Maksimović, R., Radaković, N., Radovački, V., Šilobad, M.: SISTEM KVALITETA ISO 9001:2000, Poglavlje 4: Sistem upravljanja kvalitetom, str. 51-74, Poglavlje 5: Odgovornost rukovodstva, str. 75-96, Poglavlje 7: Realizacija proizvoda, str. 127-208, Fakultet tehničkih nauka - Institut za industrijske sisteme i IIS - Istraživački i tehnološki centar, Novi Sad, 2007, ISBN 978-86-907041-3-2 								
9. kvalitetom podržane računaro	Radlovački, V., Kamberović, B., Radaković, N.: "Principi opšteg modela ocene efikasnosti i efektivnosti sistema menadžmenta							
10. International Journal of Indust	Radišić, O., Radaković, N.: "Integration of Engineers in Project Management: An Example from Oil and Gas Industry",							
Summary data for teacher's scientif	c or art and profe	essional activity:						
Quotation total :		1						
Total of SCI(SSCI) list papers :		2		i	i			
Current projects :		Domestic :	1	International :	1			



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



Study Programme Accreditation

UNDERGRADUATE ACADEMIC STUDIES

Mechanization and Construction Engineering

Nam									
					Radonić R. Je				
				and a second	Assistant Pro				
			Faculty of Te	echnical Sciences - Novi Sad					
	ntific or art f	ield:			Environment	Protection F	Engineering		
	lemic carie		Year	Institution			Field		
	lemic title el		2009	Faculty of Technical Sci	ences - Novi S	ad	Environment Protection Engineering		
	thesis	000011.	2009	Faculty of Technical Sci			Environment Protection Engineering		
	ster thesis		2006	University of Novi Sad -			Environment Protection Engineering		
	elor's thesis		2002	Faculty of Technology -			Technological Engineering		
		-		acher in the accredited stu		25			
	ID		e name				ogramme name, study type		
1.	URZP45	Mobile	Equipmen	t and Fire Extinguishing E	quipment		aster Risk Management and Fire Safety, luate Academic Studies		
2.	URZP61	Funda	mentals of	the Burning Processes Th	eory		aster Risk Management and Fire Safety, luate Academic Studies		
3.	Z102	Techn	ical Chemis	stry		(Z20) Envii Studies	ronmental Engineering, Undergraduate Academic		
4.	Z109	Chemi	cal Principl	es in Environmental Engir	neering	Studies	ronmental Engineering, Undergraduate Academic		
5.	Z305	Data A	analysis of E	Environmental Condition		Studies	ronmental Engineering, Undergraduate Academic		
6.	Z305A	Enviro	nmental da	ta analysis		l` í	ety at Work, Undergraduate Academic Studies		
0.	2000/1	LIIVIIO				Academic	(ZC0) Clean Energy Technologies, Undergraduate Academic Studies		
7.	Z102			uneti naziv na engleskom)		Studies	ronmental Engineering, Undergraduate Academic		
8.	Z109			u inženjerstvu zaštite život iv na engleskom)	ine	(Z20) Envii Studies	ronmental Engineering, Undergraduate Academic		
							chanization and Construction Engineering, uate Academic Studies		
						(M30) Ene Academic	ergy and Process Engineering, Undergraduate Studies		
9.	Z151	Chemi	stry in Mec	hanical Engineering			chnical Mechanics and Technical Design, luate Academic Studies		
						(P00) Prod Studies	duction Engineering, Undergraduate Academic		
						(ZC0) Clea Academic	an Energy Technologies, Undergraduate Studies		
10.	Z153	Chemi	stry in Engi	neering		(Z01) Safe	ety at Work, Undergraduate Academic Studies		
11.	Z155	Chemi	cal Principl	es in Engineering		(Z01) Safe	ety at Work, Undergraduate Academic Studies		
12.	Z600	Chemi	cal Phenon	nena in Engineering			aster Risk Management and Fire Safety, luate Academic Studies		
13.	Z503	Practio	al Course i	n Environment Protection		(Z20) Envii	ronmental Engineering, Master Academic Studies		
14.	Z507	Physic	al and Che	mical Principles		(Z20) Envii	ronmental Engineering, Master Academic Studies		
15.	Z507	Fizičko	o hemijski p	rincipi(uneti naziv na engl	eskom)	, ,	ronmental Engineering, Master Academic Studies		
16.	MPK005	Analys	is of enviro	nmental protection systen	ns	naziv na er	enjerstvo tretmana i zaštite voda - TEMPUS(uneti ngledskom), Master Academic Studies		
17.	SZD050		port and dis	tribution of pollutants in he ystems	eterogeneous	(Z00) Envi Studies	ironmental Engineering, Specialised Academic		
18.	SZDO03	Applie	d Analysis o	of Physical and Chemical	Parameters	(Z00) Envi Studies	ironmental Engineering, Specialised Academic		
19.	SZSP09	Reme	diation of co	ontaminated locations		(Z00) Envi Studies	ironmental Engineering, Specialised Academic		
20.	SZSP17		nene instru Inci u životr	mentalne metode analize oj sredini	zagađujućih	(Z00) Envi Studies	ironmental Engineering, Specialised Academic		



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



Study Programme Accreditation

UNDERGRADUATE ACADEMIC STUDIES

List c	of courses being held by the teacher in the accredited study programmes						
	ID	Course name		Study programme name, study type			
21.	HDOK11	Advanced Application of ICT in Agric	culture	(H00) Mechatronics, Doctoral Academic Studies			
22.	HDOL11	Advanced application of ICT in agric	ulture	(H00) Mechatronics, Doctoral Academic Studies			
23.	ZD050	Transport and distribution of pollutar multicomponent systems	nts in heterogeneous	(Z00) Environmental Engineering, Doctoral Academic Studies			
24.	ZDO03	Applied Analysis of Physical and Ch	emical Parameters	 (OM1) Mathematics in Engineering, Doctoral Academic Studies (Z00) Environmental Engineering, Doctoral Academic Studies (Z01) Safety at Work, Doctoral Academic Studies 			
Rep	oresentative	refferences (minimum 5, not more th	an 10)				
1.	Kragujeva		And Humanity Issues	as/particle partitioning of PCBs and PAHs in a pilot area of In The Down Danubian Region: Multidisciplinary Approaches, 19-3			
2.		d during the war accident in Serbia		a J.: Gas/particle partitioning of persistent organic pollutants ce and Pollution Research, 2009, Vol. 16, No 1, pp. 65-72,			
3.	in air fron			a J.: Post-war levels of persistent organic pollutants (POPs) ds , Environmental Chemistry Letters, 2007, Vol. 5, No 3,			
4.	bound po	, Radonić (Jakšić) J., Turk Sekulić M. lycyclic aromatic hydrocarbons in the HEMIND120113062J, Hemijska indus	vicinity of the industria				
5.				vić M., Mihajlović I., Vojinović-Miloradov M.: Quantification of LC, Chemicke Listy, 2012, Vol. 106, pp. 264-266, ISSN 1213-			
6.	antibiotics			šić) J., Mihajlović I., Vojinović-Miloradov M.: Occurrence of ent DOI: 10.1080/09603123.2012.733934, INT J ENVIRON			
7.	coefficien industrial	t, KOA, as a predictor of gas-particle	partitioning of polycyc	J., Đogo M., Milovanović D.: The octanol-air partition lic aromatic hydrocarbons and polychlorinated biphenyls at 1, Vol. 76, No 3, pp. 447-458, ISSN 0352-5139, UDK: doi:			
8.	Radonić (Jakšić) J., Ćulibrk D., Vojinović-Miloradov M., Kukić B., Turk Sekulić M.: Prediction of gas-particle partitioning of PAHs based on M5' model trees, Thermal Science, 2011, Vol. 15, No 1, pp. 115-124, ISSN 0354-9836, UDK: doi: 10.2298/TSCI100809005R						
9.	Turk Sekulić M., Radonić (Jakšić) J., Vojinović-Miloradov M., Šenk N., Okuka M.: Assessment of Atmospheric Distribution of Polychlorinated Biphenyls and Polycyclic Aromatic Hydrocarbons Using Polyparameter Model, Hemijska industrija, 2011, Vol. 65, No 4, pp. 371-380, ISSN 0367-598X, UDK: 504.5(497.11):547.621						
10.	Vojinović-Miloradov M., Turk Sekulić M., Radonić (Jakšić) J., Mihajlović I., Stošić M.: Emerging substances of concern – a shift in						
Sur	nmary data	for teacher's scientific or art and profe	essional activity:				
Quot	ation total :		0				
	,	CI) list papers :	2				
Curre	ent projects : Domestic : 3 International : 3						



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



Study Programme Accreditation

UNDERGRADUATE ACADEMIC STUDIES

Mechanization and Construction Engineering

Name and last name: Rakario			Dokorić D. 7.	vonko				
					Rakarić Đ. Zvonko			
				a ala an sua disa fisili d	Assistant Professor			
	e of the insi ng date:	utution v	vnere the te	acher works full time and	,	Faculty of Technical Sciences - Novi Sad 15.11.1999		
	ntific or art f	ield [.]			Mechanics			
	emic carie		Year	Institution	moonumoo		Field	
	emic title e		2012				Mechanics	
	thesis		2012	Faculty of Technical Sci	ences - Novi S	ad	Technical Mechanics	
	ster thesis		2009	Faculty of Technical Sci			Mechanics	
	elor's thesis		1999	Faculty of Technical Sci			Mechanics	
		-		acher in the accredited stu			Wechanics	
		eing ne			idy programme	.5		
	ID	Course	e name			Study pro	gramme name, study type	
1.	E104	Mecha	inics			Èngineerin	ver, Electronic and Telecommunication g, Undergraduate Academic Studies	
							asurement and Control Engineering, uate Academic Studies	
2.	F107	Techn	ical Mechar	lics		(F00) Gra	phic Engineering and Design, Undergraduate Studies	
3.	GG14	Mecha	inics 2				I Engineering, Undergraduate Academic Studies	
4.	IAKI01	Select	ed Chapters	s in Kinematics		Studies	ineering Animation, Undergraduate Academic	
5.	M103	Mechanics 1				Undergrad (M30)Ene Academic (M40)Tec Undergrad	chanization and Construction Engineering, uate Academic Studies ergy and Process Engineering, Undergraduate Studies chnical Mechanics and Technical Design, uate Academic Studies duction Engineering, Undergraduate Academic	
6.	M107	Mecha	inics 2			Undergrad (M30) Ene Academic (M40) Tec Undergrad	chanization and Construction Engineering, uate Academic Studies ergy and Process Engineering, Undergraduate Studies chnical Mechanics and Technical Design, uate Academic Studies duction Engineering, Undergraduate Academic	
							chanization and Construction Engineering, uate Academic Studies	
7.	M201	Mecha	inics 3			Académic		
						Undergrad	hnical Mechanics and Technical Design, uate Academic Studies duction Engineering, Undergraduate Academic	
						Studies		
							chanization and Construction Engineering, uate Academic Studies	
8.	M2411	Theory	/ of Oscillati	on			hnical Mechanics and Technical Design, uate Academic Studies	
						(P00) Proo Studies	duction Engineering, Undergraduate Academic	
9.	M4301	Comp	uter Method	s in Mechanics		(M40) Technical Mechanics and Technical Design, Undergraduate Academic Studies		
10.	M45021	Compu	uter Method	s in Mechanics 2		(M40) Tec Academic	hnical Mechanics and Technical Design, Master Studies	
Rep	oresentative	reffere	nces (minim	num 5, not more than 10)				

ast	TAS STUD		UNIVERSITY OF NO	OVI SAD		HUNKNX Har	
ANN ANN	ORU	FACULTY OF TECHNICAL SCIENCES 21000 NOVI SAD, TRG DOSITEJA OBRADOVIĆA 6					
D. NEO	2775	Study Programme Accreditation					
~	LANTER	UNDERGRADUATE ACADEMIC	STUDIES N	echanization and	Construction Engineering		
Re	presentative re	efferences (minimum 5, not more th	an 10)				
1.		Kovačić I.: An elliptic averaging me pring force, in press, Communication					
2.		Kovačić I.: Approximations for mot Vibration, 2011, No 330, pp. 321-33			e real power restoring force	e, Journal of	
3.		Rakarić Z.: Study of oscillators with 2011, Vol. 64, No 3, pp. 293-304, IS				ı, Nonlinear	
4.	Cvetićanin Computers	L., Kovačić I., Rakarić Z.: Asympto	tic methods for vibrat	ions of the pure fra	actional-order non-linear os	cillators,	
5.		Rakarić Z.: Oscillators with a fraction d, Communication in Non-linear Scie					
6.		Rakarić Z., Cvetićanin L.: A non-sir s and Computation, 2010, Vol. 217			ertain class of non-linear o	scillators , Applied	
7.	Rakarić Z.:	Oscillators with a quasi-constant re	estoring force: approx	kimations for motio	n, Meccanica, 2010, ISSN	0025-6455	
8.	forced resp	Kovačić I.: Oscillators with a purely onse via elliptic functions and avera 978-88-906234-2					
9.	Rakarić Z., Kovačić I.: On the behaviour of forced oscillators with a non-negative real-power restoring force and van der Pol damping, 3. International Congress of Serbian Society of Mechanics, Vlasinsko jezero, 5-8 Jul, 2011, pp. 1284-1296, ISBN 978- 86-909973-3-6						
10.	Rakarić Z., Zuković M.: Iteration method solutions for oscillators with sign(x)Abs(x)^alfa elastic force, 2. International Congress of Serbian Society of Mechanics, Palić, 1-5 Jun, 2009, pp. 1-10, ISBN 978-86-7892-173-5, UDK: paper A14						
Su	mmary data fo	r teacher's scientific or art and profe	essional activity:				
Quot	tation total :		20				
-	I of SCI(SSCI)	list papers :	6	-1	i		
Curr	ent projects :		Domestic :	1	International :	1	



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



Study Programme Accreditation

UNDERGRADUATE ACADEMIC STUDIES

Mechanization and Construction Engineering

Name and last name:					Simeunović V	. Nenad		
	emic title:				Assistant Professor			
Name of the institution where the teacher works full time and				acher works full time and	Faculty of Technical Sciences - Novi Sad			
starting date:			,	15.02.2001				
	tific or art f	ield:				/stems. Ora	anization and Management	
	emic cariee		Year	Institution			Field	
Acade	emic title el	ection:	2012	Faculty of Technical Sci	ences - Novi Sa	ad	Production Systems, Organization and Management	
PhD t	hesis		2012	Faculty of Technical Sci	ences - Novi Sa	ad	Production Systems, Organization and Management	
Magis	ter thesis		2006	Faculty of Technical Sci	ences - Novi Sa	ad	Production Systems, Organization and Management	
Bache	elor's thesis	S	1999	Faculty of Technical Sci	ences - Novi Sa	ad	Material Binding Technologies	
List of	f 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.	1914	Projec	t Managem	ent			chanization and Construction Engineering, uate Academic Studies	
2.	II1006	Proces	ssing Techr	ology Products		(110) Indus Studies	strial Engineering, Undergraduate Academic	
3.	IM1016	Produc	ction and S	ervice Technologies		(I20) Engii Studies	neering Management, Undergraduate Academic	
						(GI0) Geo Studies	desy and Geomatics, Undergraduate Academic	
4.	IM1039	Fundo	montale of	Operations management			tal Traffic and Telecommunications, uate Academic Studies	
4.	1011039	Funua	inentais or	Operations management		(ZC0) Clean Energy Technologies, Undergraduate Academic Studies		
							aster Risk Management and Fire Safety, uate Academic Studies	
5.	IM1103	Services Engineering				(110) Indus Studies	strial Engineering, Undergraduate Academic	
5.	1011100	Gervic		ning		(I20) Engin Studies	eering Management, Undergraduate Academic	
6.	IM1116	Work	Study and F	Ergonomics		(110) Indus Studies	strial Engineering, Undergraduate Academic	
0.	1011110	WORK		ligonomics		(I20) Engin Studies	eering Management, Undergraduate Academic	
7.	IM1312	Tools a	and Techni	ques of Project Managem	ent	(I20) Engin Studies	eering Management, Undergraduate Academic	
8.	IM1318	Manag	jing Relatio	nships with Stakeholders		(I20) Engin Studies	eering Management, Undergraduate Academic	
9.	IM1321	Manag	ement of th	ne Project Team		(I20) Engin Studies	eering Management, Undergraduate Academic	
10.	IM2123	Operations management					ergy Management, Master Academic Studies ronmental Engineering, Undergraduate Academic	
11.	ZR401A	Science on Work				(Z01) Safe	ety at Work, Undergraduate Academic Studies	
12.	PLM05	Management of PLM Projects					strial Engineering - Product Lifecycle Management	
13.	PLM06	Techn	ologies for	Disposal at the Products E	End-Of-Life	(I1U) Indu	strial Engineering - Product Lifecycle Management opment, Master Academic Studies	
							ergy Management, Master Academic Studies	
14.	IM2123	Opera	tions mana	gement		(Z20) Envir Studies	ronmental Engineering, Undergraduate Academic	
15.	IM2322	Event	Manageme	nt		(OM1) Ma Studies	thematics in Engineering, Master Academic	
15. 11/12/522		Event Management				(I20) Engin	eering Management, Master Academic Studies	

STAS STUD		k.	UNIVERSITY OF NO			HHHKKX HAL		
NO REL		FACULTY OF TECHNICAL SC	FACULTY OF TECHNICAL SCIENCES 21000 NOVI SAD, TRG DOSITEJA OBRADOVIĆA 6					
200000		Study F	Study Programme Accreditation					
' O ,	LANTER	UNDERGRADUATE ACADEMIC	STUDIES Me	chanization and C	Construction Engineering	HOD		
List o	of courses b	peing held by the teacher in the accred	dited study programme	S				
	ID	Course name		Study program	me name, study type			
16.	UP003	Organization of Events		Studies	ig Management, Specialised			
				Professional Stu				
Rep		e refferences (minimum 5, not more th	,					
1.	Vukelić E in RFID e	D., Ostojić G., Stankovski S., Lazarevi environment, Assembly Automation, 2	ć M., Tadić B., Hodolič 011, Vol. 31, No 1, pp	J., Simeunović N 62-68, ISSN0144	I.: Machining fixture assemb 4-5154	oly/disassembly		
2.		vić N., Ćosić I., Radaković N., Lalić B onal Scientific Book, 2009, str. 281-28				, DAAAM		
3.		Radaković, N.; Simeunović, N: THE cija INDUSTRIJSKI SISTEMI IS 2008				eđunarodna		
4.		ić, N., Simeunović, N., Dakić, R., Pan odna konferencija INDUSTRIJSKI SIS			roizvodnje i pružanja usluga	a« XIII		
5.	Annals o	Radaković, N.; Simeunović, N.; Lalić, f DAAAM for 2008 & Proceedings of t October, 2008, str. pp 153- UDK: ISSN	he 19th International D	AAAM Symposiu	m, Vienna, Austria: DAAAM			
6.	Internatio	D., Vrečič, T., Hodolič, J., Simeunović nal Scientific Conference MECHANIC mber, 2008, str. CD- ROM, ISBN 978	CAL ENGINEERING 2	em for manufactu 008, Bratislava: Ti	ring process statistical quali he Faculty of Mechanical Er	ty control, 12 th ngineering, 13		
7.		I., Ćosić I., Budak I., Matin I., Simeuno om aplikacijom kao podrška platformi			é A., Bešić I.: Baza podatak	a sa		
8.	Simeunović N. Budak I. Čosić I. Hodolič I.: Pazvoj povog pristupa u organizaciji kontinualnog obrazovanja 17. Skup "Trendovi							
9.	Simeunović N.: Istraživanje uslova za primenu metoda i tehnika operacionog menadžmenta u uslužnim sistemima, Novi Sad, FTN Novi Sad, 2012							
10.	Razvoj o	pšteg modela postupaka rada za razli	čite vrste proizvoda					
Sur	nmary data	for teacher's scientific or art and prof	essional activity:					
	ation total :		4					
		CI) list papers :	1 Domostia i		International .			
Curre	ent projects		Domestic :	2	International :	2		



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



Study Programme Accreditation

UNDERGRADUATE ACADEMIC STUDIES

Mechanization and Construction Engineering

Name					Chambra valvi V	Chausen		
-	e and last n emic title:	ame:			Stankovski V. Stevan Full Professor			
					E 11 (T	Faculty of Technical Sciences - Novi Sad		
starting date:			23.03.1987					
				, Robotics a	and Automation and Integral Systems			
Acad	emic cariee	er	Year	Institution			Field	
Acad	emic title el	ection:	2005	Faculty of Technical Sci	ences - Novi S	ad	Mechatronics, Robotics and Automation and Integral Systems	
PhD	thesis		1994	School of Electrical Eng	ineering - Beog	jrad	Electrical and Computer Engineering	
Magi	ster thesis		1991	School of Electrical Eng	ineering - Beog	jrad	Electrical and Computer Engineering	
Bach	elor's thesis	S	1987	Faculty of Technical Sci	ences - Novi S	ad	Electrical and Computer Engineering	
List o	of courses b	eing he	Id by the te	acher in the accredited stu	udy programme	s		
	ID	Course	e name			Study pro	gramme name, study type	
1.	H105	Funda	mentals in	Computer science		(H00) Med	chatronics, Undergraduate Academic Studies	
2.	H109	Funda	mentals in	Programming		(H00) Med	chatronics, Undergraduate Academic Studies	
3.	H1403	Autom	ation of wo	rk processes		(H00) Med	chatronics, Undergraduate Academic Studies	
4.	H1409	0	ent System			(H00) Med	chatronics, Undergraduate Academic Studies	
5.	H1410	Progra contro		l application of programma	able logic	(H00) Med	chatronics, Undergraduate Academic Studies	
6.	H1501A	Syster	ms for Surva	ailance and Visualisation of	of Process	(H00) Mec	chatronics, Undergraduate Academic Studies	
7.	H310	Comp	onents of te	chnological systems		(H00) Med	chatronics, Undergraduate Academic Studies	
8.	H311	Application of Sensors and Actuators				(E10) Pow	chatronics, Undergraduate Academic Studies er, Electronic and Telecommunication g, Undergraduate Academic Studies	
9.	BM116C	Motion control				-	medical Engineering, Undergraduate Academic	
10.	BMI106	Rehab	ilitation dev	vices and systems		(BM0) Bio Studies	medical Engineering, Undergraduate Academic	
11.	BMI110	Senso	rs and actu	ators in medicine		(BM0) Bio Studies	medical Engineering, Undergraduate Academic	
12.	II1009	Autom	atic identifi	cation systems		(110) Indus Studies	strial Engineering, Undergraduate Academic	
13.	II1010	Contro	ol of technic	al systems		Studies	strial Engineering, Undergraduate Academic	
14.	II1011	Autom	ation of wo	rk processes 1		Studies	strial Engineering, Undergraduate Academic	
15.	II1015	Progra	ammable Lo	gic Controllers (PLC)		Studies	strial Engineering, Undergraduate Academic	
16.	II1038	Autom	ation of wo	rk processes 2		Studies	strial Engineering, Undergraduate Academic	
17.	ll1042	Autom	ation of Co	ntinual Processes		Studies	strial Engineering, Undergraduate Academic	
18.	ll1045	Syster	ms for meas	surement, surveillance and	d control	Studies	strial Engineering, Undergraduate Academic	
19.	ll1048	Artifici	al intelligen	ce in engineering		Studies	strial Engineering, Undergraduate Academic	
20.	IM1022	Fundamentals of technical systems control		technical systems control		Studies (M20) Mee	neering Management, Undergraduate Academic chanization and Construction Engineering, uate Academic Studies	
21.	IM1035	Identif	ication tech	nologies in enterprises		(I20) Engi Studies	neering Management, Undergraduate Academic	
22.	IM1719	Impler	nentation of	f information systems in in	surance	(I20) Engir Studies	neering Management, Undergraduate Academic	
23.	H505	Impler	nentation of	f automated systems		l` í	chatronics, Master Academic Studies strial Engineering, 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 c	st of courses being held by the teacher in the accredited study programmes				
	ID	Course name	Study programme name, study type		
24.	HDOS12	Research in the area of automatic identification technology	(112) Industrial Engineering, Specialised Academic Studies		
25.	HDOS13	Motion control and application of MEMS	(112) Industrial Engineering, Specialised Academic Studies		
26.	HDOS14	Nonindustrial automation	(112) Industrial Engineering, Specialised Academic Studies		
27.	IMDR0S	Selected chapters in enterprise's design, organization and control	(112) Industrial Engineering, Specialised Academic Studies (122) Engineering Management, Specialised Academic Studies		
28.	MBA414	Integrated Business Processes	 (I20) Engineering Management, Specialised Professional Studies (IB0) Engineering Management - MBA, Specialised Professional Studies 		
29.	PLM09	Systems and Devices for Tracking Products Through Life Cycle	(11U) Industrial Engineering - Product Lifecycle Management and Development, Master Academic Studies		
30.	NIT02	Factory Automation	(NIT) Industrial Engineering - Advanced Engineering Technologies, Master Academic Studies		
31.	NIT06	Advanced Technologies for Manufacturing Support	(NIT) Industrial Engineering - Advanced Engineering Technologies, Master Academic Studies		
32.	NIT08	Fundamentals of Computer Science and Informatics	(NIT) Industrial Engineering - Advanced Engineering Technologies, Master Academic Studies		
33.	GS006	Intelligent Buildings	(G10) Energy Efficiency in Buildings, Specialised Academic Studies		
34.	H799	Fieldbuses and protocols	(H00) Mechatronics, Master Academic Studies		
35.	H828	Advanced robotics	(H00) Mechatronics, Master Academic Studies		
36.	H845	Motion control	(H00) Mechatronics, Master Academic Studies		
07	1000		(110) Industrial Engineering, Master Academic Studies		
37.	1903	Application of microelectromechanical systems	(110) Industrial Engineering, Master Academic Studies		
38.	IIDS6	Selected chapters in automation	(112) Industrial Engineering, Specialised Academic Studies		
39.	IM2516	Artificial Intelligence in Engineering	(I20) Engineering Management, Master Academic Studies		
40.	IM2716	Automation systems in insurance	(I20) Engineering Management, Master Academic Studies		
41.	IM2721	Systems for detection, alarming and warning	(I20) Engineering Management, Master Academic Studies		
42.	GD018	Automation and Robotics in Construction	(G00) Civil Engineering, Doctoral Academic Studies (OM1) Mathematics in Engineering, Doctoral Academic Studies		
43.	HDOK12	Research in the area of automatic identification technologies	(H00) Mechatronics, Doctoral Academic Studies		
44.	HDOK13	Motion control and the application of MEMS	(H00) Mechatronics, Doctoral Academic Studies		
45.	HDOK14	Non-industrial Automation	(H00) Mechatronics, Doctoral Academic Studies		
46.	HDOK-3	Selected Chapters in Automation Systems Integration	(H00) Mechatronics, Doctoral Academic Studies		
47.	HDOKL3	Selected Chapters in Automation Systems Integration	(H00) Mechatronics, Doctoral Academic Studies		
48.	HDOL12	Research in the area of automatic identification technologies	(H00) Mechatronics, Doctoral Academic Studies		
49.	HDOL13	Motion controla and application of MEMS	(H00) Mechatronics, Doctoral Academic Studies (I20) Industrial Engineering / Engineering Management, Doctoral Academic Studies		
50.	HDOL14	Nonindustrial automation	 (H00) Mechatronics, Doctoral Academic Studies (120) Industrial Engineering / Engineering Management, Doctoral Academic Studies 		
51.	IMDR0	Science of Industrial Engineering and Management	(I20) Industrial Engineering / Engineering Management, Doctoral Academic Studies		
52.	IMDR80	Selected chapters in automation	(I20) Industrial Engineering / Engineering Management, Doctoral Academic Studies		
Rep	oresentative	e refferences (minimum 5, not more than 10)			
1.		ki S., Tarjan L., Škrinjar D., Ostojić G., Šenk I.: Using a Did IEEE Transactions on Education, 2010, Vol. 53, No 4, pp. §	lactic Manipulator in Mechatronics and Industrial Engineering 572-579, ISSN 0018-9359		

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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)						
2.	Gajić G., Stankovski S., Ostojić G., Tešić Z., Miladinović Lj.: Method of evaluating the impact of ERP implementation critical success factors – a case study in oil and gas industries (DOI:10.1080/17517575.2012.690105), Enterprise Information Systems, 2012, ISSN 1751-7575						
3.	Stankovski S., Ostojić G., Šenk I., Rakić-Skokov 2012, Vol. 69, No 1, pp. 75-80, ISSN 0103-9016		Kučević D.: Dain	y cow monitoring by RFID,	Scientia Agricola,		
4.	Stankovski, S., Ostojić, G., Raković, M., Trajan, programabilno logičkih kontrolera, Fakulte tehnic		M.: Zbirka rešenih	i zadataka iz: Programiran	je i primena		
5.	Stankovski, S., Rakić-Skoković, M., Šešlija, D.,	Ostojić, G.: Primena	RFID tehnologije	u automatizaciji			
6.	Stankovski S., Lazarević M., Ostojić G., Ćosić I. Cycle , Assembly Automation, 2009, Vol. 29, No			ct/Part Tracking During the	Whole Life		
7.	Ostojić G., Lazarević M., Stankovski S., Ćosić I.: RFID Technology Application in Disassembly Systems , Strojniski vestnik = Journal of Mechanical Engineering, 2008, Vol. 54, No 11, pp. 759-767, ISSN 0039-2480, UDK: 658.5						
8.	Popović B., Popović N., Mijić D., Stankovski S., Courses: A LabVIEW-based Implementation DC ISSN 1061-3773						
9.	Stankovski S., Ostojić G., Tarjan L., Škrinjar D., Science & Technology, 2011, Vol.35, No M1, pp				n Journal of		
10.	Janković J., Petrović N., Miladinović Lj., Popkonstantinović B., Stoimenov M., Petrović D., Ostojić G., Stankovski S.: Computer Simulation of Fast Hydraulic Actuators, Iranian Journal of Science & Technology, Transactions B, 2012, Vol. 36, No M1, pp. 95- 106, ISSN: 1028-6284						
Su	Summary data for teacher's scientific or art and professional activity:						
Quot	tation total :	25					
Tota	I of SCI(SSCI) list papers :	20					
Curr	rent projects :	Domestic :	3	International :	4		



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



Study Programme Accreditation

UNDERGRADUATE ACADEMIC STUDIES

Mechanization and Construction Engineering

Name and last name:					Šafranj F. Jelisaveta			
-	lemic title:				Assistant Professor			
		itution v	vhere the te	eacher works full time and			nces - Novi Sad	
	ng date:				15.10.2000			
Scier	ntific or art f	ield:			English			
Acad	lemic cariee	er	Year	Institution			Field	
Acad	lemic title el	ection:	2009	Faculty of Technical Sci	ences - Novi Sa	ad	English	
PhD	thesis		2008	Faculty of Philology - Be	ograd		English	
	ster thesis		2000	Faculty of Philology - Be	ograd		English	
Educ Thes	ation Speci	alist	1994	Faculty of Philology - Be	eograd		English	
	elor's thesis	5	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	gramme name, study type	
1.	AEJ1L	Englis	h Language	e - Elementary		(A00) Arch	nitecture, Undergraduate Academic Studies	
2.	AEJ2L	Englis	h Language	e intermediate		(A00) Arch	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) Architecture, 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, uate Academic Studies duction Engineering, Undergraduate Academic ffic and Transport Engineering, Undergraduate	
6.	EJ01Z	English Language - Elementary			Engineerin (F00) Gra Academic (MR0) Me Undergrad (Z01) Safe (ZC0) Cle Academic (ZP0) Disa Undergrad	asurement and Control Engineering, uate 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 Mechanization and Construction Engineering

	1		ist of courses being held by the teacher in the accredited study programmes						
	D	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						
			(110) Industrial Engineering, Undergraduate Academic Studies						
	E 1007		(I20) Engineering Management, Undergraduate Academic Studies						
8.	EJ02Z	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						
		English Language - Intermediate	(MR0) Measurement and Control Engineering, Undergraduate Academic Studies						
9.	EJ03Z		(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						

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UNIVERSITY OF NOVI SAD

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



Study Programme Accreditation

UNDERGRADUATE ACADEMIC STUDIES

List c	ist 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 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					
20.		Lingiish Language - Loi 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					

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UNIVERSITY OF NOVI SAD

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



Study Programme Accreditation

UNDERGRADUATE ACADEMIC STUDIES

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					
04.	Louin		(I20) Engineering Management, Undergraduate Academic Studies					
35.	ETI15	Engleski jezik - srednji	(E02) Electronics and Telecommunications, Undergraduate Professional Studies					
36.	ETI20	Engleski jezik - napredni	(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					
37.	EJ1Z	Z 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)							

HAS STUDIORUM			UNIVERSITY OF NO	OVI SAD		NY WY				
		FACULTY OF TECHNICAL SCIENCES 21000 NOVI SAD, TRG DOSITEJA OBRADOVIĆA 6								
		-	Programme			Can Can				
- Poi	ZANTE			echanization and	Construction Engineering	P				
		efferences (minimum 5, not more th	,	A 1 1 1/ D	1.0000					
1.	Analiza dis	kursa udžbenika engleskog jezika, l	Monografija, Zaduzbi	na Andrejevic, Beo	ograd 2006.					
2.	Retorička c	rganizacija poslovne vesti, Monogr	afija, Zadužbina Andr	ejević, Beograd 2	009.					
3.	Engleski je:	zik za GRID 3 - Academic Writing fo	or Graphic Engineerir	g and Design, FT	N Izdavaštvo, Novi Sad 20	12.				
4.	Using Inter	net in English Language Teaching,	NEW EDUCATIONA	L REVIEW, (2011)), vol. 26 br. 4, str. 45-59.					
5.		of English Language Teachers Col 2011), vol. 23 br. 1, str. 269-282.	ncerning Computer A	ssisted Language	Learning (Call), NEW EDU	JCATIONAL				
6.	0	i aspekt udžbenika engleskog jezik ogija, 2009, 1, str.133-145.	a,							
7.		Communicative Competence, k Instituta za pedagoška istraživanja	a, 2009, 1, str. 180-19	95.						
8.	Retorička a	naliza lida poslovne vesti, Zbo	ornik Matice Srpske za	a filologiju i lingvis	tiku, 2011, 1, str.191-210.					
9.		ects of Technical Statements in Pow Ee 2001, str.150-153.	ver Engineering, Zbor	nik radova, XI Me	đunarodni simpozijum Ene	rgetska				
10.		lysis of Research Abstract of an En erfaces and Integrations, 10-12 De				nd Literature				
Su	mmary data fo	or teacher's scientific or art and prof	essional activity:							
Quot	tation total :		0							
Tota	of SCI(SSCI) list papers :	20							
Curr	ent projects :		Domestic :	0	International :	1				



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



Study Programme Accreditation

UNDERGRADUATE ACADEMIC STUDIES

Mechanization and Construction Engineering

Academic title: Assistant Professor Name of the institution where the teacher works full time and starting date: Faculty of Technical Sciences - Novi Sad Scientific or art field: Machine Constructions, Transport Systems and Logistics Academic carieer Year Institution Academic carieer Year Institution Field Academic title election: 2012 Faculty of Technical Sciences - Novi Sad Machine Constructions, Transport System Logistics Magister thesis 1983 Faculty of Technical Sciences - Novi Sad Machine Constructions, Transport System Logistics Bachelor's thesis 1974 Faculty of Technical Sciences - Novi Sad Machine Constructions, Transport System Logistics ID Course name Study programme name, study type Logistics 1. H2040 Driving Systems Mechatronics (H00) Mechanization and Construction Engineering, Undergraduate Academic Studies 2. M2408 Cranes (M20) Mechanization and Construction Engineering, Undergraduate Academic Studies 3. M2507 Methods of experimental testing of machines (M20) Mechanization and Construction Engineering, Undergraduate Academic Studies 5. M312A	Name and last name:					Šostakov S. Rastislav			
Name of the institution where the teacher works full time and facility of Technical Sciences - Novi Sad Faculty of Technical Sciences - Novi Sad Scientific or at field: Machine Constructions, Transport Systems and Logistics Academic title election: 2012 Faculty of Technical Sciences - Novi Sad Machine Constructions, Transport System Magister thesis 2007 Faculty of Technical Sciences - Novi Sad Machine Constructions, Transport System Magister thesis 1983 Faculty of Technical Sciences - Novi Sad Machine Constructions, Transport System List of courses being held by the teacher in the accredited study programmes Machine Constructions, Transport System 1 H2404 Driving Systems Mechatronics (H00) Mechanization and Construction Engineering. 2 M2408 Granes (M20) Mechanization and Construction Engineering. 3 M2507 Methods of experimental testing of machines (M20) Mechanization and Construction Engineering. 5 M312A Fundamentals of Transportation Machines (M20) Mechanization and Construction Engineering. 6 ZR308A Security and Safety Equipment for working (Z01) Safety at Work, Undergraduate Academic Studies 7 ZA407A Occupational			and.						
starting date: 01:03:1074 Scientific or art field: Machine Constructions. Transport Systems and Logistics Academic carleer Year Institution Field Academic carleer Year Institution Field Academic carleer Year Institution Machine Constructions, Transport System Logistics PhD thesis 2007 Faculty of Technical Sciences - Novi Sad Machine Constructions, Transport System Logistics Magister thesis 1983 Faculty of Technical Sciences - Novi Sad Machine Constructions, Transport System Logistics Bachelor's thesis 1974 Faculty of Mechanical Engineering - Novi Sad Machine Constructions, Transport System Logistics List of courses being held by the teacher in the accredited study programmes Study programme name, study type 1. H2406 Cranes (M20) Mechanization and Construction Engineering, Undergraduate Academic Studies 3. M2507 Methods of experimental testing of machines (M20) Mechanization and Construction Engineering, Undergraduate Academic Studies 4. M301 Driving Systems (M20) Mechanization and Construction Engineering, Undergraduate Academic Studies 5. M312A <td colspan="5"></td> <td colspan="3"></td>									
Scientific or art field: Machine Constructions, Transport Systems and Logistics Academic title election: 2012 Faculty of Technical Sciences - Novi Sad Machine Constructions, Transport System Magister thesis 2007 Faculty of Technical Sciences - Novi Sad Machine Constructions, Transport System Magister thesis 1983 Faculty of Technical Sciences - Novi Sad Machine Constructions, Transport System Bachelor's thesis 1974 Faculty of Mechanical Engineering - Novi Sad Machine Constructions, Transport System List of courses being held by the teacher in the accredited study programmes Machine Constructions, Undergraduate Academic Studies 1 H2404 Driving Systems Mechatronics (1400) Mechanization and Construction Engineering, Undergraduate Academic Studies 3 M2507 Methods of experimental testing of machines (M20) Mechanization and Construction Engineering, Undergraduate Academic Studies 5 M312A Fundamentals of Transportation Machines (M20) Mechanization and Construction Engineering, Undergraduate Academic Studies 6 ZR308A Security and Safety Equipment for working (Z01) Safety at Work, Undergraduate Academic Studies 7 ZR407A Coccupationia Safety in thremal transport, reloading and Wa			ILULION V	vnere trie te	eacher works fuil time and				
Academic carieer Year Institution Field Academic title election: 2012 Faculty of Technical Sciences - Novi Sad Machine Constructions, Transport System Logistics Magister thesis 1983 Faculty of Technical Sciences - Novi Sad Machine Constructions, Transport System Logistics Bachelor's thesis 1974 Faculty of Mechanical Engineering - Novi Sad Machine Constructions, Transport System Logistics Ib Course name Study programme name, study type 1. H2440 Driving Systems Mechatronics (He0) Mechanization and Construction Engineering, Undergraduate Academic Studies 2. M2408 Cranes (M20) Mechanization and Construction Engineering, Undergraduate Academic Studies 3. M2507 Methods of experimental testing of machines (M20) Mechanization and Construction Engineering, Undergraduate Academic Studies 5. M312A Fundamentals of Transportation Machines (M20) Mechanization and Construction Engineering, Undergraduate Academic Studies 6. ZR308A Security and Safety Equipment for working (Z01) Safety at Work, Undergraduate Academic Studies 7. ZR407A Occupational Safety and Protection in Operation with Machinery (M22) Mechanization an		-	ield [.]				structions 7	Fransport Systems and Logistics	
Academic title election: 2012 Faculty of Technical Sciences - Novi Sad Machine Constructions, Transport System Logistics PhD thesis 2007 Faculty of Technical Sciences - Novi Sad Machine Constructions, Transport System Logistics Bachelor's thesis 1983 Faculty of Technical Sciences - Novi Sad Machine Constructions, Transport System Logistics List of courses being held by the teacher in the accredited study programmes Machine Constructions, Transport System Logistics 1 H2404 Driving Systems Mechatronics (H00) Mechatration and Construction Engineering, Undergraduate Academic Studies 2 M4408 Cranes (M20) Mechanization and Construction Engineering, Undergraduate Academic Studies 3 M2507 Methods of experimental testing of machines (M20) Mechanization and Construction Engineering, Undergraduate Academic Studies 5 M312A Fundamentals of Transportation Machines (M20) Mechanization and Construction Engineering, Undergraduate Academic Studies 6 ZR308A Security and Safety Equipment for working (Z01) Safety at Work, Undergraduate Academic Studies 7 ZR407A Occupational Safety and Protection in Operation with Machines (M22) Mechanization and Construction Engineering, Academic Studies 1				Year	Institution				
PHD thesis 2007 Faculty of Technical Sciences - Novi Sad Logistics Magister thesis 1993 Faculty of Technical Sciences - Novi Sad Machine Constructions, Transport System Logistics Bachelor's thesis 1974 Faculty of Mechanical Engineering - Novi Sad Machine Constructions, Transport System Logistics ID Course name Study programme name, study type 1. H2404 Driving Systems Mechatronics (H00) Mechatronics, Undergraduate Academic Studies 3. M2507 Methods of experimental testing of machines (M20) Mechanization and Construction Engineering, Undergraduate Academic Studies 4. M301 Driving Systems (M20) Mechanization and Construction Engineering, Undergraduate Academic Studies 5. M312A Fundamentals of Transportation Machines (M20) Mechanization and Construction Engineering, Undergraduate Academic Studies 6. ZR308A Security and Safety Equipment for working (Z01) Safety at Work, Undergraduate Academic Studies 9. M2541 Occupational Safety and Protection in Operation with Machinery (M22) Mechanization and Construction Engineering, Academic Studies 10. LIM12 Transport Technique and Material Flow (LM1) Logistic Engineeri						ences - Novi S	ad	Machine Constructions, Transport Systems and	
Industry Test of Paculty of Heuman Stellards Fundament Logistics Bachelor's thesis 1974 Faculty of Mechanical Engineering - Novi Sad Machine Constructions, Transport System ID Courses being held by the teacher in the accredited study programmes Itel of courses being held by the teacher in the accredited study programmes ID Course name Study programme name, study type 1. H2404 Driving Systems Mechatronics (H00) Mechatronics, Undergraduate Academic Studies 3. M2507 Methods of experimental testing of machines (M20) Mechanization and Construction Engineering, Undergraduate Academic Studies 4. M301 Driving Systems (M20) Mechanization and Construction Engineering, Undergraduate Academic Studies 5. M312A Fundamentals of Transportation Machines (M20) Mechanization and Construction Engineering, Undergraduate Academic Studies 6. ZR308A Security and Safety Equipment for working (Z01) Safety at Work, Undergraduate Academic Studies 7. ZR407A Occupational Safety in Internal transport, reloading and warehouse (M22) Mechanization and Construction Engineering, Academic Studies 10. LIM12 Transport Technique and Material Flow (LIM2) Techniac and Construc	PhD	thesis		2007	Faculty of Technical Sci	ences - Novi S	ad	Machine Constructions, Transport Systems and	
Bachelor's thesis 19/4 Paculty of Mechanical Engineering - NoV Sad Logistics List of courses being held by the teacher in the accredited study programmes Study programme name, study type 1 H2404 Driving Systems Mechatronics (H00) Mechatronics, Undergraduate Academic Studie 2 M2408 Cranes (M20) Mechanization and Construction Engineering, Undergraduate Academic Studies 3 M2507 Methods of experimental testing of machines (M20) Mechanization and Construction Engineering, Undergraduate Academic Studies 4 M301 Driving Systems (M20) Mechanization and Construction Engineering, Undergraduate Academic Studies 5 M312A Fundamentals of Transportation Machines (M20) Mechanization and Construction Engineering, Undergraduate Academic Studies 6 ZR308A Security and Safety Equipment for working (Z01) Safety at Work, Undergraduate Academic Studies 7 ZR407A Occupational Safety and Protection in Operation with Machinery (M22) Mechanization and Construction Engineering, Academic Studies 10 LIM12 Transport Technique and Material Flow (M21) Mechanization and Construction Engineering, Academic Studies 11 LIM27 Logistics of Warehousing and Commisisoining Academi	Magi	ster thesis		1983	Faculty of Technical Sci	ences - Novi S	ad	Machine Constructions, Transport Systems and	
ID Course name Study programme name, study type 1. H2404 Driving Systems Mechatronics (H00) Mechatronics, Undergraduate Academic Studie 2. M2408 Cranes (M20) Mechanization and Construction Engineering, Undergraduate Academic Studies 3. M2507 Methods of experimental testing of machines (M20) Mechanization and Construction Engineering, Undergraduate Academic Studies 4. M301 Driving Systems (M20) Mechanization and Construction Engineering, Undergraduate Academic Studies 5. M312A Fundamentals of Transportation Machines (M20) Mechanization and Construction Engineering, Undergraduate Academic Studies 6. ZR308A Security and Safety Equipment for working (Z01) Safety at Work, Undergraduate Academic Studies 7. ZR407A Occupational Safety and Protection in Operation with Machinery (M22) Mechanization and Construction Engineering, Academic Studies 9. M2541 Occupational Safety and Protection in Operation with Machinery (M22) Mechanization and Annagement, Master Academic Studies 11. LIM2 Transport Technique and Material Flow (LIM) Logistic Engineering and Management, Master Academic Studies 12. LIM29 Simulation of Large Logistic Syst	Bach	elor's thesis	6	1974	Faculty of Mechanical E	ngineering - No	ovi Sad	Machine Constructions, Transport Systems and Logistics	
1 H2404 Driving Systems Mechatronics (H00) Mechatronics, Undergraduate Academic Studie 2 M2408 Cranes (M20) Mechanization and Construction Engineering, Undergraduate Academic Studies 3 M2507 Methods of experimental testing of machines (M20) Mechanization and Construction Engineering, Undergraduate Academic Studies 4 M301 Driving Systems (M20) Mechanization and Construction Engineering, Undergraduate Academic Studies 5 M312A Fundamentals of Transportation Machines (M20) Mechanization and Construction Engineering, Undergraduate Academic Studies 6 ZR308A Security and Safety Equipment for working (Z01) Safety at Work, Undergraduate Academic Studies 7 ZR407A Occupational Safety in internal transport, reloading and Warehouse (M22) Mechanization and Construction Engineering, Academic Studies 9 M2541 Occupational Safety and Protection in Operation with Machinery (M22) Mechanization and Construction Engineering, Academic Studies 10 LIM12 Transport Technique and Material Flow (LIM) Logistic Engineering and Management, Master Academic Studies 11 LIM27 Logistic S of Warehousing and Commissioning (LIM) Logistic Engineering and Management, Master Academic Studies <t< td=""><td>List c</td><td>of courses b</td><td>eing he</td><td>Id by the te</td><td>acher in the accredited stu</td><td>udy programme</td><td>es</td><td></td></t<>	List c	of courses b	eing he	Id by the te	acher in the accredited stu	udy programme	es		
2. M2408 Cranes (M20) Mechanization and Construction Engineering, Undergraduate Academic Studies 3. M2507 Methods of experimental testing of machines (M20) Mechanization and Construction Engineering, Undergraduate Academic Studies 4. M301 Driving Systems (M20) Mechanization and Construction Engineering, Undergraduate Academic Studies 5. M312A Fundamentals of Transportation Machines (M20) Mechanization and Construction Engineering, Undergraduate Academic Studies 6. ZR308A Security and Safety Equipment for working (Z01) Safety at Work, Undergraduate Academic Studies 7. ZR407A Occupational Safety in internal transport, reloading and Warehouse (M22) Mechanization and Construction Engineering, Academic Studies 9. M2541 Occupational Safety and Protection in Operation with Machinery (M22) Mechanization and Construction Engineering, Academic Studies 10. LIM12 Transport Technique and Material Flow (LIM) Logistic Engineering and Management, Master Academic Studies 11. LIM27 Logistic S of Warehousing and Commissioning (LIM) Logistic Engineering and Management, Master Academic Studies 13. H797 Mechanization - advanced topics (M00) Mechanical Engineering, Doctoral Academic Studies <td></td> <td>ID</td> <td>Course</td> <td>e name</td> <td></td> <td></td> <td>Study pro</td> <td>ogramme name, study type</td>		ID	Course	e name			Study pro	ogramme name, study type	
2 M2406 Clarles Undergraduate Academic Studies 0 3 M2507 Methods of experimental testing of machines (M20) Mechanization and Construction Engineering, Undergraduate Academic Studies 4 M301 Driving Systems (M20) Mechanization and Construction Engineering, Undergraduate Academic Studies 5 M312A Fundamentals of Transportation Machines (M20) Mechanization and Construction Engineering, Undergraduate Academic Studies 6 ZR308A Security and Safety Equipment for working (Z01) Safety at Work, Undergraduate Academic Studies 7 ZR407A Occupational safety in internal transport, reloading and warehouse (M22) Mechanization and Construction Engineering, Academic Studies 8 M2526 Working Strength (M22) Mechanization and Construction Engineering, Academic Studies 9 M2541 Occupational Safety and Protection in Operation with Machinery (LM) Logistic Engineering and Management, Master Academic Studies 10 LIM12 Transport Technique and Material Flow (LIM) Logistic Engineering and Management, Master Academic Studies 13 H797 Mechantonics in mechanization - advanced topics (H00) Mechanical Engineering, Doctoral Academic Studies 14 DM214 Selected Chapters in Food Processing Machines and Equi	1.	H2404	Driving	g Systems M	Mechatronics		(H00) Mea	chatronics, Undergraduate Academic Studies	
3. M250/ Methods of experimental testing of machines Undergraduate Academic Studies 4. M301 Driving Systems (M20) Mechanization and Construction Engineering, Undergraduate Academic Studies 5. M312A Fundamentals of Transportation Machines (M20) Mechanization and Construction Engineering, Undergraduate Academic Studies 6. ZR308A Security and Safety Equipment for working (Z01) Safety at Work, Undergraduate Academic Studies 7. ZR407A Occupational safety in internal transport, reloading and warehouse (Z01) Safety at Work, Undergraduate Academic Studies 8. M2526 Working Strength (M22) Mechanization and Construction Engineering, Academic Studies 10. LIM12 Transport Technique and Material Flow (LIM) Logistic Engineering and Management, Master Academic Studies 11. LIM27 Logistics of Warehousing and Commissioning (LIM) Logistic Engineering and Management, Master Academic Studies 12. LIM28 Simulation of Large Logistic Systems (LIM) Logistic Engineering, Doctoral Academic Studies 13. H797 Mechatronics in mechanization - advanced topics (M00) Mechanical Engineering, Doctoral Academic Studies 14. DM214 Selected Chap	2.	M2408	Crane	s					
4. M301 DIMING Systems Undergraduate Academic Studies 5. M312A Fundamentals of Transportation Machines (M20) Mechanization and Construction Engineering, Undergraduate Academic Studies 6. ZR308A Security and Safety Equipment for working (Z01) Safety at Work, Undergraduate Academic Studies 7. ZR407A Occupational safety in internal transport, reloading and warehouse (Z01) Safety at Work, Undergraduate Academic Studies 8. M2526 Working Strength (M22) Mechanization and Construction Engineering, Academic Studies 9. M2541 Occupational Safety and Protection in Operation with Machinery (M22) Mechanization and Construction Engineering, Academic Studies 10. LIM12 Transport Technique and Material Flow (LIM) Logistic Engineering and Management, Master Academic Studies 11. LIM27 Logistics of Warehousing and Commissioning (LIM) Logistic Engineering and Management, Master Academic Studies 13. H797 Mechatronics in mechanization - advanced topics (M00) Mechanical Engineering, Doctoral Academic Studies 14. DM214 Selected Chapters in Food Processing Machines and Guipment (M00) Mechanical Engineering, Doctoral Academic Studies 15. DM31 Safeted Chapters in Food Processing Machines and Guipment	3.	M2507	Metho	ds of exper	imental testing of machine	es			
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SITAS STUD UNIVERSITY OF NOVI SAD FACULTY OF TECHNICAL SCIENCES 21000 NOVI SAD, TRG DOSITEJA OBRADOVIĆA 6 Study Programme Accreditation UNDERGRADUATE ACADEMIC STUDIES Mechanization and Construction Engineering Representative refferences (minimum 5, not more than 10) D. Uzelac, R. Šostakov, S. Tašin: Starting Of An Electric Motor Drive With Hydrodynamic Coupling, "Facta Universitatis", Series 4 "Mechanical Engineering", Nis, 1998, Vol. 1, No 5, p. 537-545 R. Šostakov, D. Uzelac, N. Brkljač: Metodologija praćenja rada pogonskog mehanizma sa hidrodinamičkom spojnicom i 5 određivanja trajanja njegovog zaleta, "Tehnika, Mašinstvo", Beograd, 54(2005)3, str. 17-24 R. Šostakov, N. Babin, N. Brkljač: Analiza mogućnosti i postupaka uklapanja domaćih u međunarodne bazne standarde iz oblasti 6 dizalica, I međunarodni naučno-stručni skup "Teška mašinogradnja "93", Kruševac, Vrnjačka Banja, 1993, Zbornik radova, str. 85-90 R. Sostakov, N. Babin, M. Zubic: The Concept Of Surveying The Transient States Of Crane Driving Mechanisms Operation Based 7. On The Operating Point Motion - Didactical And Practical Aspect, XIV International Conference on Material Handling and Warehousing, Belgrade, 11. - 12. 12. 1996, Collected Papers, p. 2.20.-2.25 R. Sostakov, J. Vladic, D. Uzelac, N. Brkljac: Berechnung der Anlaufdauer eines Antriebssystems mit hydrodynamischer Kupplung 8 aufgrund des vereiniges M-n Diagrams, XIV International Conference on Material Handling and Ware-housing, ??Igrade, 11. - 12. 12. 1996, Collected Papers, p. 4.67.-4.72 R. Sostakov, P. Dragicevic, N. Babin, H. Licen: Subroutine For ON-LINE Discretisation And Classification Of A Stress-Time Function Using Modified Full Cycles Method, XIV International Conference on Material Handling and Warehousing, Belgrade, 11. -9 12. 12. 1996, Collected Papers, p. 4.99.-4.102 R. Sostakov, R. Jevremovic, M. Zubic: Electrical Motor Modelling As A Part Of Crane Driving Mechanism Modelling, XIV 10 International Conference on Material Handling and Warehousing, Belgrade, 11. - 12. 12. 1996, Collected Papers, p. 4.162.-4.167 Summary data for teacher's scientific or art and professional activity: Quotation total 0 Total of SCI(SSCI) list papers : 2 0 Current projects Domestic : 1 International :



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



Study Programme Accreditation

UNDERGRADUATE ACADEMIC STUDIES

Mechanization and Construction Engineering

						1 99		
Name and last name: Teofanov Đ.								
					Assistant Pro			
Name of the institution where the teacher works full time and Faculty of Te starting date: 18.12.1995					chnical Sciences - Novi Sad			
	ntific or art f	ield:			Mathematics			
	emic carie		Year	Institution	Matternatios		Field	
	emic title e		2009	Faculty of Technical Sci	ences - Novi S	ad	Mathematics	
	thesis		2009	Faculty of Sciences - No		au	Mathematical Sciences	
	ster thesis		2000	Faculty of Sciences - No			Mathematical Sciences	
— – – –	elor's thesis		1994	Faculty of Sciences - No			Mathematical Sciences	
		-		acher in the accredited stu			Wathematical Ociences	
LIOU						.5		
	ID	Course	e name			Study pro	gramme name, study type	
1.	A101	Mathe	matics			(A00) Arch	nitecture, Undergraduate Academic Studies	
							asurement and Control Engineering,	
2.	EE204	Select	ed Chapter	s in Mathematics		-	uate Academic Studies	
							er, Electronic and Telecommunication g, Undergraduate Academic Studies	
3.	GG00	Mathe	matical Met	hods 1		(G00) Civi	I Engineering, Undergraduate Academic Studies	
4.	GI101	Algebr	a			(GI0) Geo Studies	desy and Geomatics, Undergraduate Academic	
5.	IAM001	Mathe	matical Sha	ape Modeling for Compute	er Animation	(F10) Eng Studies	ineering Animation, Undergraduate Academic	
						(M20) Med	chanization and Construction Engineering, uate Academic Studies	
		02 Mathematics 1				(M30) Energy and Process Engineering, Undergraduate Academic Studies		
6.	M102					(M40) Tec	hnical Mechanics and Technical Design,	
						Undergraduate Academic Studies (P00) Production Engineering, Undergraduate Academic Studies		
						(M20) Med	chanization and Construction Engineering, uate Academic Studies	
						(M30) Ene	ergy and Process Engineering, Undergraduate	
7.	M106	Mathe	matics 2			Academic Studies (M40) Technical Mechanics and Technical Design,		
						Undergraduate Academic Studies (P00) Production Engineering, Undergraduate Academic		
						Studies	ver, Electronic and Telecommunication	
8.	E101A	Discre	te Mathema	atics		Èngineerin	g, Undergraduate Academic Studies	
9.	IM1523	Discro	te Mathema	atics		(M30) Ene Academic	ergy and Process Engineering, Undergraduate Studies	
9.	1111323	DISCIE				(I20) Engin Studies	eering Management, Undergraduate Academic	
10.	P216	Numer	ical Analys	is		(P00) Prod Studies	duction Engineering, Undergraduate Academic	
11.	SE0009	Disora	te Mathema	atice			tware Engineering and Information Technologies, uate Academic Studies	
	320009			auco			tware Engineering and Information Technologies - ndergraduate Academic Studies	
							er, Electronic and Telecommunication g, Specialised Academic Studies	
						(112) Indus	strial Engineering, Specialised Academic Studies	
12.	DZ01MS	Select	ed Chapters	s in Mathematics		(I22) Engii Studies	neering Management, Specialised Academic	
							ironmental Engineering, Specialised Academic	
						2120100		



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				
13.	IA022	Numerical Optimization		(F20) Engineering Animation, Master Academic Studies				
14.	D0M48	Numerical Methods for Solving Diffe	rential 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				
45	D704M	Coloritad Charitans in Mathematics		(H00) Mechatronics, Doctoral Academic Studies				
15.	DZ01M	Selected Chapters in Mathematics		(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				
Rer	presentative	e refferences (minimum 5, not more th	an 10)					
1.	Surla, K.,		er-Resolving Spline C	ollocation Method for a Convection-Diffusion Problem,				
2.	Teofanov	,	· · ·	ith two parameters II: robust finite element solution, J.				
3.	Teofanov		y perturbed problem w	ith two parameters I: solution decomposition, J. Comput.				
4.		Uzelac, Z., Teofanov, Lj., The discret Math. Comput. Simul. 2009, Vol. 79,		or quadratic spline discretization of a singularly perturbed				
5.		r, Lj., Zarin, H., Superconvergence for 09, 743-765	two-parameter singul	arly perturbed problem, BIT Numerical Mathematics, Vol. 49,				
6.		ć, R., Teofanov, Lj., A uniform numerio Igor. 54, 2010, 431-444	cal method for semiline	ear reaction-difusion problems with a boundary turning point,				
7.		y, Lj., Uzelac, Z., Family of Quadratic bl. 84, No. 1, 2007, 33-50	Spline Difference Sch	emes for a Convection-Diffusion Problem, Int. J. Comput.				
8.		Uzelac, Z., Teofanov, Lj., On colloca ath, Vol. 31, No. 1, 2001, 125-132	tion methods for singu	lar perturbation problems of convection-diffusion type, Novi				
9.	Surla, K., 2000, 173		ion methods for singu	ar perturbation problems, Novi Sad J. Math., Vol. 30, No. 3,				
10.	Čomić, I.,	, Pavlović, Lj., Funkcije više promenlji	vih, Fakultet tehničkih	nauka, Novi Sad, 2000, 95 str.				
Sur	nmary data	for teacher's scientific or art and profe	essional activity:					
Quot	ation total :		12					
Tota	of SCI(SSO	CI) list papers :	7					
Curre	ent projects	· · · · · · · · · · · · · · · · · · ·	Domestic :	1 International : 0				



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



Study Programme Accreditation

UNDERGRADUATE ACADEMIC STUDIES

Mechanization and Construction Engineering

Name and last name:					Turk-Sekulić M. Maja				
Academic title:			Assistant Professor						
			Faculty of Technical Sciences - Novi Sad						
	ng date:				28.12.2004				
Scier	ntific or art f	ield:			Environment	Protection E	Ingineering		
Acad	emic caries	er	Year	Institution			Field		
Acad	emic title e	lection:	2009	Faculty of Technical Sci	ences - Novi S	ad	Environment Protection Engineering		
PhD	thesis		2009	Faculty of Technical Sci	ences - Novi S	ad	Chemical, Physical and Biological principles in Environment Protection Engineering		
Magi	ster thesis		2006	University of Novi Sad -	Novi Sad		Chemical, Physical and Biological principles in Environment Protection Engineering		
Bach	elor's thesis	S	2003	Faculty of Technology -	Novi Sad		Technological 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 pro	gramme name, study type		
1.	URZP61	Funda	mentals of	the Burning Processes Th	eory		aster Risk Management and Fire Safety, uate Academic Studies		
2.	Z102	Techn	ical Chemis	stry		(Z20) Envi Studies	ronmental Engineering, Undergraduate Academic		
3.	Z109	Chemi	cal Principl	es in Environmental Engir	neering	(Z20) Envi Studies	ronmental Engineering, Undergraduate Academic		
4.	Z305	Data A	Analysis of E	Environmental Condition		(Z20) Envi Studies	ronmental Engineering, Undergraduate Academic		
5.	Z305A	Environmental data analysis				(ZC0) Cle	(Z01) Safety at Work, Undergraduate Academic Studies (ZC0) Clean Energy Technologies, Undergraduate Academic Studies		
6.	Z102	Tehnička hemija(uneti naziv na engleskom))	(Z20) Envi Studies	ronmental Engineering, Undergraduate Academic		
7.	Z109			u inženjerstvu zaštite život iv na engleskom)	ne	(Z20) Envi Studies	ronmental Engineering, Undergraduate Academic		
							chanization and Construction Engineering, uate Academic Studies		
						(M30) Energy and Process Engineering, Undergraduate Academic Studies			
8.	Z151	Chemi	stry in Mec	hanical Engineering		(M40) Technical Mechanics and Technical Design, Undergraduate Academic Studies			
						Studies	duction Engineering, Undergraduate Academic		
						(ZC0) Cle Academic	an Energy Technologies, Undergraduate Studies		
9.	Z153		stry in Engi	-		· /	ety at Work, Undergraduate Academic Studies		
10.	Z155	Chemi	cal Principl	es in Engineering		· /	ety at Work, Undergraduate Academic Studies		
11.	Z600			nena in Engineering		Undergrad	aster Risk Management and Fire Safety, uate Academic Studies		
12.	Z503			in Environment Protection		<u>, ,</u>	ronmental Engineering, Master Academic Studies		
13.	Z507	Physic	al and Che	mical Principles		1	ronmental Engineering, Master Academic Studies		
14.	ZR504		0	t Chemical Harms, Fire ar	•	Studies	thematics in Engineering, Master Academic		
15.	Z507	Fizičko	o hemijski p	rincipi(uneti naziv na engl	eskom)	<u>, ,</u>	ronmental Engineering, Master Academic Studies		
16.	MPK005	Analys	is of enviro	nmental protection systen	ns	naziv na e	enjerstvo tretmana i zaštite voda - TEMPUS(uneti ngledskom), Master Academic Studies		
17.	SZD050		port and dis	tribution of pollutants in he	eterogeneous	(Z00) Env Studies	ironmental Engineering, Specialised Academic		
18.	SZSP09	Reme	diation of co	ontaminated locations		(Z00) Env Studies	ironmental Engineering, Specialised Academic		
19.	SZSP17		mene instru Inci u životr	imentalne metode analize noj sredini	zagađujućih	(Z00) Env Studies	ironmental Engineering, Specialised Academic		
20.	ZR504A	Chemi	cal risk ass	essment of fire and explo	sion	(Z01) Safe	ety at Work, Master Academic Studies		

STUD	
OR	FACL

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



Study Programme Accreditation

UNDERGRADUATE ACADEMIC STUDIES

Mechanization and Construction Engineering

List of courses being held by the teacher in the accredited study programmes ID Course name Study programme name, study type Transport and distribution of pollutants in heterogeneous (Z00) Environmental Engineering, Doctoral Academic ZD050 21 multicomponent systems Studies (OM1) Mathematics in Engineering, Doctoral Academic Studies (Z00) Environmental Engineering, Doctoral Academic 22 ZDO03 Applied Analysis of Physical and Chemical Parameters Studies (Z01) Safety at Work, Doctoral Academic Studies Representative refferences (minimum 5, not more than 10) Turk, M., Jakšić, J., Vojinović Miloradov, M., Klanova, J.: Post-war levels of persistent organic pollutants (POPs) in air from Serbia 1 determined by active and passive sampling methods, Environmental Chemistry Letters (ECL) Journal, 2007, Vol. 5, str. 109-113. Turk Sekulić M., Radonić (Jakšić) J., Đogo M.: Characterization of gas/particle partitioning of PCBs and PAHs in a pilot area of 2 Kragujevac, Serbia U: Environmental, Health And Humanity Issues In The Down Danubian Region: Multidisciplinary Approaches, Singapur, World Scientific, 2008, str. 284-295, ISBN 978-981-283-439-3 Radonić, J., Turk, M., Vojinović Miloradov, M., Klánová, J.: Gas/particle partitioning of persistent organic pollutants generated 3. during the war accident in Serbia, Environmental Science and Pollution Research, 2009, Vol. 16, No. 1, pp. 65-72. Turk Sekulić Maja, Rasprostiranje, depozicija i raspodela polihlorovanih bifenila u heterogenom multikomponentnom sistemu, 4 doktorska disertacija Radonić (Jakšić) J., Vojinović-Miloradov M., Turk Sekulić M., Kiurski J., Đogo M., Milovanović D.: The octanol-air partition coefficient, KOA, as a predictor of gas-particle partitioning of polycyclic aromatic hydrocarbons and polychlorinated biphenyls at 5 industrial and urban sites, Journal of Serbian Chemical Society, 2011, Vol. 76, No 3, pp. 447-458, ISSN 0352-5139, UDK: doi: 10.2298/JSC100616037R Turk Sekulić M., Radonić (Jakšić) J., Vojinović-Miloradov M., Šenk N., Okuka M.: Assessment of Atmospheric Distribution of 6 Polychlorinated Biphenyls and Polycyclic Aromatic Hydrocarbons Using Polyparameter Model, Hemijska industrija, 2011, Vol. 65, No 4, pp. 371-380, ISSN 0367-598X, UDK: 504.5(497.11):547.621 Radonić (Jakšić) J., Ćulibrk D., Vojinović-Miloradov M., Kukić B., Turk Sekulić M.: Prediction of gas-particle partitioning of PAHs 7. based on M5' model trees, Thermal Science, 2011, Vol. 15, No 1, pp. 115-124, ISSN 0354-9836, UDK: doi: 10.2298/TSCI100809005R Grujić Letić N., Milić N., Turk Sekulić M., Radonić (Jakšić) J., Milanović M., Mihajlović I., Vojinović-Miloradov M.: Quantification of emerging organic contaminants in the Danube River samples by HPLC, Chemicke Listy, 2012, Vol. 106, pp. 264-266, ISSN 1213-8 7103 Milić N., Milanović M., Grujić Letić N., Turk Sekulić M., Radonić (Jakšić) J., Mihajlović I., Vojinović-Miloradov M.: Occurrence of 9 antibiotics as emerging contaminant substances in aquatic environment DOI: 10.1080/09603123.2012.733934, INT J ENVIRON HEAL R, 2012, pp. 1-15, ISSN 0960-3123 Jovčić N., Radonić (Jakšić) J., Turk Sekulić M., Vojinović-Miloradov M., Popov S.: Identification of emission sources of particle-10 bound polycyclic aromatic hydrocarbons in the vicinity of the industrial zone of the city of Novi Sad DOI: 10.2298/HEMIND120113062J, Hemijska industrija, 2012, pp. 1-36, ISSN 0367-598X Summary data for teacher's scientific or art and professional activity: Quotation total 0 Total of SCI(SSCI) list papers : 8 Current projects 2 International : 3 Domestic :



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



Study Programme Accreditation

UNDERGRADUATE ACADEMIC STUDIES

Mechanization and Construction Engineering

					<u> </u>			
					Veselinov V. Branislav			
					Associate Professor			
	e of the insi ng date:	itution v	vhere the te	acher works full time and	Faculty of Technical Sciences - Novi Sad 01.08.1974			
	ntific or art f	ield:			Biosystems E	naineerina		
	emic carie		Year	Institution		gineening	Field	
	emic title e		2009	Faculty of Technical Sci	ences - Novi S	ad	Biosystems Engineering	
	thesis		2003	Faculty of Technical Sci			Biosystems Engineering	
	ster thesis		1989	Faculty of Technical Sci			Biosystems Engineering	
	elor's thesis	\$	1973	Faculty of Mechanical E			Internal Combustion Engines	
		-		acher in the accredited stu				
		ong no			ady programme			
	ID	Course	e name				gramme name, study type	
1.	M2407	Biosys	tem Machir	nes 2		Undergrad	chanization and Construction Engineering, uate Academic Studies	
							chatronics, Undergraduate Academic Studies	
2.	M304	Biosvs	tem Machir	nes 1			chanization and Construction Engineering, uate Academic Studies	
		, -				(M40) Tec	hnical Mechanics and Technical Design, uate Academic Studies	
3.	URZP54	Device	es in the Pro	ocess Industry			aster Risk Management and Fire Safety, uate Academic Studies	
4.	Z475A	Enviro	nmental en	gineering in biosystems		(Z20) Envii Studies	ronmental Engineering, Undergraduate Academic	
5.	Z476	Enera	y and renew	/able energy sources in ru	ural areas	(ZC0) Clean Energy Technologies, Undergraduate Academic Studies		
						Studies	ronmental Engineering, Undergraduate Academic	
6.	ZRI421			ety in Agriculture and Fore	-	(Z01) Safety at Work, Undergraduate Academic Studies		
7.	Z475	naziv	na englesko	,	,	(Z20) Envii Studies	ronmental Engineering, Undergraduate Academic	
8.	Z476			vi izvori energije u ruralnir aziv na engleskom)	m	(Z20) Environmental Engineering, Undergraduate Academi Studies		
	110.405					` ´´	chatronics, Master Academic Studies	
9.	H2405	IIInB	iosystems			(M22) Med Academic	chanization and Construction Engineering, Master Studies	
10.	M2651	Tracto	rs			(M22)Meo Academic	chanization and Construction Engineering, Master Studies	
11.	M2652	Agricu	ltural machi	nery for renewable energ	y sources	(M22)Meo Academic	chanization and Construction Engineering, Master Studies	
12.	Z477			ulture Engineering		(Z20) Environmental Engineering, Master Academic Stud		
13.	Z478A			ology support sustainable	,	, ,	ronmental Engineering, Master Academic Studies	
14.	Z477	engles	kom)	ve poljoprivrede(uneti naz		(Z20) Envii	ronmental Engineering, Master Academic Studies	
15.	Z478			nološka podrška održivom naziv na engleskom)	razvoju		ronmental Engineering, Master Academic Studies	
16.	SZSP14	Conter	mporary ap	proach to the biosystems	engineering	Studies	ironmental Engineering, Specialised Academic	
17.	SZSP16	Engine	eering of rer	newable enery sources in	agriculture	(Z00) Envi Studies	ironmental Engineering, Specialised Academic	
18.	DOM24	Proced	dure and Ma	achines for Sustainable A	griculture	, ,	chanical Engineering, Doctoral Academic Studies	
19.	ZSP14	Conter Biosys		proaches to Sustainable I	Engineering	Studies	ironmental Engineering, Doctoral Academic	
20.	ZSP16	6 Engineering of Renewable Energy in Agriculture			ulture	 (OM1) Mathematics in Engineering, Doctoral Academic Studies (Z00) Environmental Engineering, Doctoral 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

Representative refferences (minimum 5, not more than 10)	Representative refferences	(minimum 5,	, not more than	10)
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1.01	Representative renerences (minimum 3, not more than 10)								
1.	Veselinov, B.: Prilog razvoju sistema za presovanje vlaknastih biomaterijala kod presa za valjkaste bale sa promenljivom zapreminom komore za presovanje, Fakultet tehničkih nauka, Novi sad, Magistarski rad, 1989, 98 strana								
2.	Veselinov, B.: Uticaj raznih postupaka mehaničkog usitnjavanja suve pitome nane na kvalitet dobijene biljne sirovine, Fakultet tehničkih nauka, Novi Sad, Doktorska disertacija, 2003, 110 strana								
3.	Martinov, M., Veselinov, B., Bojić, S. 2007. Maize Cobs Processor – Preparations for its use as a Fuel. 11-th International Research/Expert Conference »Trends in the Development of Machinery and Associated Technology« TMT 2007, Hammamet, Tunisia, 05-09 Septembar, 1167-1170								
4.	Martinov, M., Adamović, D., Veselinov, B., Muj poljoprivredna tehnika, 34(1-2), 1-12. (ISSN 03		⁻ azno sušenje le	kovitog bilja u šaržnoj su	šari. Savremena				
5.	Martinov, M., Veselinov, B., Bojić, S. 2008. Drobljenje oklasaka kukuruza – priprema za korišćenje kao gorivo. Savremena poljoprivredna tehnika, 34(1-2), 26-31								
6.	Veselinov, B., Adamović, D., Martinov, M. 2008. Istraživanje mogućnosti mehanizovanog branja cvasti nevena, Bilten za hmelj, sirak i lekovito bilje, Institut za ratarstvo i povrtarstvo Novi Sad, 40(81), 22-33								
7.	Martinov, M, Veselinov, B. 2009. Stanje u oblasti poljoprivrednog inženjerstva – Akcenti Konferencije VDI-MEG LAND-TECHNIK 2008. Savremena poljoprivredna tehnika, 35(3), 157-168. (ISSN 0350-2953)								
8.	Martinov, M., Adamović, D., Veselinov, B., Mat and peppermint drying in batch dryer. 36. Inter Engineering, Opatija, 11-15 February 2008, Bc	national Symposium	Agricultural Engir						
9.	Martinov M, Bojic S, Golub M, Veselinov B. 20 drying in batch dryers. 7th Conference of Medi of Mai 2012, CD of Proc. 241-247. ISBN: 978-8	cinal and Aromatic Pl							
10.	Martinov M, Golub M, Djordje Dj, Bojic S, Veselinov B. 2012. Total and available yield of soybean residues. 4th International Scientific and Expert Conference TEAM 2012 Technique, Education, Agriculture & Management. Slavonski Brod, 17th to 19th October 2012, CD of proc. 307-310. ISSN 1847-9065								
Sur	mmary data for teacher's scientific or art and profe	essional activity:							
	ation total :	0							
Tota	l of SCI(SSCI) list papers :	1							
Curre	ent projects :	Domestic :	5	International :	0				



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



Study Programme Accreditation

UNDERGRADUATE ACADEMIC STUDIES

Mechanization and Construction Engineering

Name and last name:			Vilotić Ž. Drag	niša				
					Full Professor			
		titution v	vhere the te	eacher works full time and	Faculty of Technical Sciences - Novi Sad			
	ng date:				01.01.1975			
Scier	ntific or art f	ield:			Plastic Deform	mation Tech	nology, Rapid Prototyping, Virtual	
Acad	lemic caries	er	Year	Institution			Field	
Acad	lemic title e	lection:	1998	Faculty of Technical Sci	ences - Novi Sa	ad	Plastic Deformation Technology, Rapid Prototyping, Virtual	
PhD	thesis		1986	Faculty of Technical Sci	ences - Novi Sa	ad	Plastic Deformation Technology, Rapid Prototyping, Virtual	
Magi	ster thesis		1981	Faculty of Technical Sci	ences - Novi Sa	ad	Plastic Deformation Technology, Rapid Prototyping, Virtual	
Bach	elor's thesi	S	1974	Faculty of Technical Sci	ences - Novi Sa	ad	Plastic Deformation Technology, Rapid Prototyping, Virtual	
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.	P207	Metal	forming			(P00) Pro Studies	duction Engineering, Undergraduate Academic	
2.	P2401	Advan	ced Method	ds in Metal Forming		(P00) Pro Studies	duction Engineering, Undergraduate Academic	
3.	P2413	Compu Formir		Design of Tools and Dies f	for Metal	(P00) Pro Studies	duction Engineering, Undergraduate Academic	
4.	P303	Machir	nes for Proc	cessing by Deforming		(P00)Pro Studies	duction Engineering, Undergraduate Academic	
5.	P3403	Technology of Plastic Forming - Shaping of p material			plastic	(P00) Pro Studies	duction Engineering, Undergraduate Academic	
6.	P3503	Machir	nes and De	vices for Plastic Processir	ıg	(P00) Pro Studies	duction Engineering, Undergraduate Academic	
-	Magora	Maaha				(M20)Me Undergrad	chanization and Construction Engineering, luate Academic Studies	
7.	M2062	Mecha	inical engin	eering technologies 2			chnical Mechanics and Technical Design, luate Academic Studies	
8.	M3203	Techn	ology of ma	achinery		(M30) Ene Academic	ergy and Process Engineering, Undergraduate Studies	
9.	P3402	Physic	al and Pha	se States of Polymers		(P00) Pro Studies	duction Engineering, Undergraduate Academic	
10.	ZR408A	Safety	at work on	the machines for process	ing	, ,	ety at Work, Undergraduate Academic Studies	
11.	P2407	Rapid	Prototyping	and Rapid Tooling		(PM0)Pro	oduction Engineering, Master Academic Studies	
12.	P3501	Tool D	esigning fo	r Plastic		(PM0)Pro	duction Engineering, Master Academic Studies	
13.	P3503A	Conter	mporary Pro	ocess Systems for Plastic	Treatment	(PM0)Pro	oduction Engineering, Master Academic Studies	
14.	BMIM4B	Technologies of shaping biomedical material			als	· ,	medical Engineering, Master Academic Studies oduction Engineering, Master Academic Studies	
15.	PMISP1	Modelling and Simulation of Metal Forming Proc			Processes	, ,	oduction Engineering, Master Academic Studies	
16.	PTS01	Techn	ology of sin	tering		(PM0)Pro	duction Engineering, Master Academic Studies	
17.	DP001		and Rese	arch Methods in Productic	on	(M00) Me	chanical Engineering, Doctoral Academic Studies	
18.	DP005	State a	and Tender	ncies in Development of M oment	etrology,	(M00) Me	chanical Engineering, Doctoral Academic Studies	
19.	DP008	Conter	mporary Me	ethods and TPD Systems		(M00) Me	chanical Engineering, Doctoral Academic Studies	
20.	DP012	Physic	al Modellin	g and TPD Simulation by	Computers	(M00) Me	chanical Engineering, Doctoral Academic Studies	
21.	DP015	Nonconventional Procedures of Forming in TPD			TPD	(M00) Me	chanical Engineering, Doctoral 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 program	me name, study type				
				(E10) Power, Electronic and Telecommunication Engineering, Doctoral Academic Studies					
				(E20) Computin Academic Studie	ng and Control Engineering, es	Doctoral			
				(F00) Graphic E Studies	Engineering and Design, Doo	ctoral Academic			
				(F20) Engineeri	ng Animation, Doctoral Acad	demic Studies			
				(G00) Civil Eng	ineering, Doctoral Academic	Studies			
22.	SID04	Current State in the Field		(GI0) Geodesy	and Geomatics, Doctoral Ac	ademic Studies			
22.	51004	Current State in the Field		(H00) Mechatro	nics, Doctoral Academic Stu	udies			
				(I20) Industrial I Doctoral Acader	Engineering / Engineering M nic Studies	anagement,			
				(M00) Mechanie	cal Engineering, Doctoral Ac	ademic Studies			
				(OM1) Mathema Studies	atics in Engineering, Doctora	al Academic			
				(S00) Traffic Er	igineering, Doctoral Academ	ic Studies			
				(Z00) Environmental Engineering, Doctoral Academic Studies					
23.	DP026	Modern methods for polymers invest	tigation	(M00) Mechanio	cal Engineering, Doctoral Ac	ademic Studies			
24.	DP028	Theoretical basis for forming polyme	er technology	(M00) Mechanical Engineering, Doctoral Academic Studie					
				(A00) Architectu	ure, Doctoral Academic Stud	lies			
25.	SID04	Present State in the Field		(AS0) Scenic D	esign, Doctoral Academic St	tudies			
				(Z01) Safety at	Work, Doctoral Academic St	tudies			
Rep	oresentative	e refferences (minimum 5, not more th	an 10)						
1.	Vilotić D. N. Sad, 1	Ponašanje čeličnih materijala u raz 987.	ličitim obradnim sisten	nima hladnog zap	reminskog deformisanja, na	učno delo, FTN,			
2.		Kačmarčik I., Hartley P., Plančak M., gy, 2012, Vol. 212, No 4, pp. 817-824		of bi-metallic ring t	billets, Journal of Materials P	rocessing			
3.		ov S., Vilotić D., Konjovoć Z., Vilotić M ental Mechanics, 2012, Vol. 52, No 11			or Detrmining the Workabilit	y Diagram,			
4.		ov S., Vilotić D.: A study on an effect I. 76, No 14, pp. 2309-2315, ISSN 00		ties on ductile frac	cture , Engineering Fracture	Mechanics,			
5.		, Plančak M., Čupković Đ., Aleksandro ental Mechanics, 2006, Vol. 46, pp. 11			acture in Three Upsetting Te	ests ,			
6.		M., Hartley P., Esssa K., Vilotić D., Mo search International, 2012, pp. 1247-1			sis during bi-metallic coining	g operations,			
7.	Vilotić D., Alexandrov S., Plančak M., Vilotić M., Ivanišević A., Kačmarčik I.: Material Formability at Upsetting by Cylindrical and Flat Dies, Steel Research International, 2012, pp. 1175-1178, ISSN 1611-3683								
8.		, Alexandrov S., Plančak M., Movrin D search International, 2011, pp. 923-92		6 M.: Material For	mability of Upsetting by V-S	hape Dies ,			
9.		E., Alexandrov S., Vilotić D., Movrin D International, 2010, Vol. 9, No 81, pp			ile Fracture Initiation in Upse	etting, Steel			
10.	 D. Vilotić, D. Milikić, M. Plančak, M. Milutinović: Obrazovanje inženjera proizvodnog mašinstva iz oblasti oblikovanja plastike na Fakultetu tehničkih nauka u Novom Sadu, 4. kongres inženjera plastičara i gumara K – IPG 2006., zbornik na CDu, ppt 100 slajdova, Vršac, 13-16. juni 2006. 								
		for teacher's scientific or art and profe	, , , , , , , , , , , , , , , , , , ,						
	ation total :		17						
		CI) list papers :	15						
Curre	ent projects	:	Domestic :	1	International :	1			



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



Study Programme Accreditation

UNDERGRADUATE ACADEMIC STUDIES

Mechanization and Construction Engineering

Name and last name:					Vladić M. Jovan				
Academic title:					Full Professor				
Name	Name of the institution where the teacher works full time and								
-	ng date:				12.11.1975				
Scier	ntific or art f	ield:			Machine Constructions, Transport Systems and Logistics				
Acad	Academic carieer Year Institution						Field		
Acad	Academic title election: 1999 Faculty of Technical Sci					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		
Bach	Bachelor's thesis 1974 Faculty of Technical Sc					ad	Mechanical Engineering		
List o	f courses b	eing he	d by the tea	acher in the accredited stu	udy programme	s			
	ID	Course	e name			Study pro	gramme name, study type		
1.	M207A	Compu	uter-Aided [Design		Undergrad (M40) Tec	chanization and Construction Engineering, uate Academic Studies chnical Mechanics and Technical Design,		
2.	M2402	Contin	uous and A	utomated Transport		(M20) Me	uate Academic Studies chanization and Construction Engineering,		
3.	M2610			•			uate Academic Studies		
4.	M312A	Graphic Communications and CAD Fundamentals of Transportation Machines				 (H00) Mechatronics, Undergraduate Academic Studies (M20) Mechanization and Construction Engineering, Undergraduate Academic Studies (M40) Technical Mechanics and Technical Design, 			
5.	M313A	CAD/CAE Course				(M20) Me	luate Academic Studies chanization and Construction Engineering, luate Academic Studies		
6.	S0218	Reload Logistics					affic and Transport Engineering, Undergraduate		
7.	S1218	Reload Logistics				(S01) Pos	ostal Traffic and Telecommunications, aduate Academic Studies		
8.	ZR407A	Occupational safety in internal transport, re warehouse			loading and		fety at Work, Undergraduate Academic Studies		
9.	H2504	Transp	ortation an	d Manipulation Systems		(H00) Med	chatronics, Master Academic Studies		
10.	M2503	Transp	oort System	s and Devices		(M22)Mee Academic	chanization and Construction Engineering, Master Studies		
11.	M2509A	Automated Machine Designing				(M22)Mee Academic	chanization and Construction Engineering, Mast Studies		
12.	M2532	Packaging Machines				(M22)Mee Academic	chanization and Construction Engineering, Master Studies		
13.	LIM12	Transp	oort Technic	que and Material Flow		(LIM) Logi Academic	istic Engineering and Management, Master Studies		
14.	LIM13	Packa	ging Techni	ques and Packaging		(LIM) Logi Academic	stic Engineering and Management, Master Studies		
15.	LIM24		Logistics			(LIM) Logi Academic	istic Engineering and Management, Master Studies		
16.	H797			nechanization - advanced		(H00) Med	chatronics, Master Academic Studies		
17.	DM213	Contemporary Methods of Designing and N Constructing				(M00) Me	chanical Engineering, Doctoral Academic Studies		
18.	DM331	Selected Chapters in Transport and Constru Machines					chanical Engineering, Doctoral Academic Studies		
19.	DM410	Selected Chapters in Food Processing Mach Equipment			hines and		chanical Engineering, Doctoral Academic Studies		
20.	DOM20			/sis Methods		, ,	chanical Engineering, Doctoral Academic Studies		
21.	DOM23					chanical Engineering, Doctoral Academic Studies			
22.	DOM25	Conter	mporary Pro	ocedures for Mobile Mach	ine Designing	(M00) Me	chanical Engineering, Doctoral Academic Studies		
Rep	oresentative	e reffere	nces (minin	num 5, not more than 10)					
1.				., Karakašić M.: Modelling , pp. 423-434, ISSN 1330			or dynamic behaviour, Tehnički vjesnik/Technical 2=111		



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



Study Programme Accreditation

UNDERGRADUATE ACADEMIC STUDIES M

Re	Representative refferences (minimum 5, not more than 10)								
2.	Vladić J., Malešev P., Šostakov R., Brkljač N.: Dynamic Analysis of the Load Lifting Mechanisms, Strojniski vestnik = Journal of Mechanical Engineering, 2008, No 10, pp. 655-661, ISSN 0039-2480								
3.	Vladić J., Đokić R., Živanić D.: Simulations and dynamic models of electrical elevators, 7. Simpozijum o konstruisanju, oblikovanju i dizajnu – KOD, Balatonfured: Faculty of Technical Sciences, 24-26 Maj, 2012, pp. 121-126, ISBN 978-86-7892-399-9								
4.	Đokić R., Vladić J., Živanić D.: Design and bases for assembling prefabricated industrial objects, 6. Simpozijum o konstruisanju, oblikovanju i dizajnu – KOD, Palić: Fakultet tehničkih nauka, 29-30 Septembar, 2010, pp. 189-192, ISBN 978-86-7892-278-7								
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.: Choice of Optimal Transportation Mechanisation at Open Pit , 6. International . Conference "Heavy Machinery" - HM, Kraljevo: Faculty of mechanical engineering Kraljevo, 24-29 Jun, 2008, pp. 63-68, ISBN 978-86-82631-45-3								
8.	 Vladić J., Živanić D., Đokić R., Gajić A.: Analysis of Material Flows and Logistics Approach in Design of Material Handling Systems, 6. International Conference "Heavy Machinery" - HM, Kraljevo: Faculty of mechanical engineering Kraljevo, 24-29 Jun, 2008, pp. 69-72, ISBN 978-86-82631-45-3 								
9.	Vladić J., Đokić R.: Dynamic behaviour of elevators and tribological processes in their driving systems, 2. Power Transmissions, Novi Sad: FTN Novi Sad, 25-26 April, 2006, pp. 537-542								
10.	10. Vladić, J.: Računske i eksperimentalne metode za statičku i dinamičku analizu žičara, monografija, 1991., FTN Novi Sad								
Su	ummary data for teacher's scientific or art and profession	onal activity:							
	otation total : 0								
	al of SCI(SSCI) list papers : 2		-						
Curr	rrent projects : Do	omestic :	0	International :	0				



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



Study Programme Accreditation

UNDERGRADUATE ACADEMIC STUDIES

Mechanization and Construction Engineering

Acade Name startin Scient Acade Acade	ng date: tific or art fi emic cariee emic title el	itution v ield:	where the te	eacher works full time and	Zuber F. Ninc Assistant Pro				
Name startin Scient Acade Acade	e of the inst ng date: tific or art fi emic cariee emic title el	ield:	vhere the te	eacher works full time and	E 11 (T	103301			
startin Scient Acade Acade PhD th	ng date: tific or art fi emic cariee emic title el	ield:		acher works full time and					
Scient Acade Acade PhD th	tific or art fi emic cariee emic title el				16.03.1998				
Acade Acade PhD th	emic cariee emic title el					structions. 7	Fransport Systems and Logistics		
PhD tl			Year	Institution			Field		
	hesis	ection:	2011	Faculty of Technical Sci	ences - Novi Sa	ad	Machine Constructions, Transport Systems and Logistics		
Magie			2010	Faculty of Technical Sci	ences - Novi Sa	ad	Machine Constructions, Transport Systems and Logistics		
iviagis	ter thesis		2000	Faculty of Technical Sci	ences - Novi Sa	ad	Machine Constructions, Transport Systems and Logistics		
Bache	elor's thesis	6	1997	Faculty of Technical Sci	ences - Novi Sa	ad	Machine Constructions, Transport Systems and Logistics		
List of courses being held by the teacher in the accredited stud			udy programme	s					
	ID	Course	e name			Study pro	ogramme name, study type		
1.	M2507	Metho	ds of exper	imental testing of machine	es		chanization and Construction Engineering, luate Academic Studies		
2.	MODEA	Motol	Structures				chanization and Construction Engineering, luate Academic Studies		
۷.	M305A Metal Structures				· /	chnical Mechanics and Technical Design, luate Academic Studies			
3.	H2501	Motor Vehicle Equipment				(H00) Med	chatronics, Master Academic Studies		
4.	M2508	Metal Constructions in Machine Building					22) Mechanization and Construction Engineering, Maste demic Studies		
5.	M2531	Weighing and Dosing					M22) Mechanization and Construction Engineering, Maste cademic Studies		
						(H00) Med	chatronics, Master Academic Studies		
6.	M2540	Vibrod	brodiagnostics			(M22) Mechanization and Construction Engineering, Master Academic Studies			
						(M40) Teo Academic	chnical Mechanics and Technical Design, Master Studies		
7.	LIM13	Packa	ging Techn	iques and Packaging		(LIM) Logistic Engineering and Management, Master Academic Studies			
8.	H797	Mecha	tronics in n	nechanization - advanced	topics	(H00) Mec	chatronics, Master Academic Studies		
9.	DM412			ing and analysis in mecha	nization -	(M00) Mechanical Engineering, Doctoral Academic Studies			
<u> </u>		advand	ced topics			(Z01) Safety at Work, Doctoral Academic Studies			
Repr	resentative	reffere	nces (minin	num 5, not more than 10)					
1.				Experimental vibration i Experimental vibration i 11, Vol. 5, No 4, pp. 688-6			al beater wheel mill, TTEM. Tehnics tehnologies		
2.	Zuber N., rolling ele	Šostak ement be	ov R., Bajri earings, Te	ć R.: Application of vibrat chnics Technologies Educ	ion signal analy cation Manager	/sis and artinent, 2011,	ficial intelligence methods in fault identification of Vol. 6, No 1, pp. 3-10, ISSN 1840-1503		
3.	3. Zuber N., Ličen H., Bajrić R.: An innovative approach to the condition monitoring of excavators in open pits mines, Technics Technologies Education Management, 2010, Vol. 5, No 1, pp. 3-10, ISSN 1840-1503								
4.	 Bajrić R., Baričak V., Delalić S., Muratović P., Zuber N.: INVESTIGATION OF POSSIBLE RESONANT PROBLEMS DURING BEATER WHEEL MILL OPERATION, Technics Technologies Education Management, 2010, Vol. 5, No 1, pp. 32-37, ISSN 1840- 1503 								
5.				ostakov: Implementation c ca, pp. 141-148, ISSN 198	-	ninery remot	te monitoring, Second Conference "Maintenance		
6.	Ninoslav Zuber: Application of artificial inteligence methods in automated vibrodiagnostics of rotating machines in mining industry – a case study, 4th International Conference "Noise and Vibration"2012, Niš, Serbia, pp 193-202, ISBN: 978-86-6093-042-4								
7.	Ninoslay Zuber: Poller elements bearing vibrodiagnostics. Ath International Conference "Noise and Vibration"2012. Nič Serbia, pp.								
8.				Milićević A.: Applied Rem Vol. 7, No 25, pp. 31-40, I			f the bucket wheel excavator, Journal of Applied		

SITAS STUDIO UNIVERSITY OF NOVI SAD FACULTY OF TECHNICAL SCIENCES 21000 NOVI SAD, TRG DOSITEJA OBRADOVIĆA 6 Study Programme Accreditation UNDERGRADUATE ACADEMIC STUDIES Mechanization and Construction Engineering Representative refferences (minimum 5, not more than 10) Zuber Ninoslav, Ličen Hotimir, mlađi: Mogućnosti primene metoda veštačke inteligencije u automatizaciji vibrodijagnostičkih 9 metoda, Tehnička dijagnostika, vol. 10, br. 2, pp. 9-16, 2011, UDC: 62-51:612.321.12, ISSN 1451-1975 Ninoslav Zuber, Hotimir Licen, Patrice Dannepond: PREDIKTIVNO ODRŽAVANJE OPREME NA BAZI MERENJA I ANALIZE 10 VIBRACIJA: TIPOVI, STRATEGIJE UVOĐENJA I PRIMENE, PRIMER, Power Plants 2006, Vrnjacka Banja, Srbija: 2006, Summary data for teacher's scientific or art and professional activity: Quotation total 0 Total of SCI(SSCI) list papers : 4 1 0 Current projects : Domestic : International :



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



Study Programme Accreditation

UNDERGRADUATE ACADEMIC STUDIES

Mechanization and Construction Engineering

N.					7.1	la dui			
	Name and last name: Academic title:					Zuković M. Miodrag			
						Assistant Professor Faculty of Technical Sciences - Novi Sad			
	e of the inst ng date:	litution v	vnere the te	acher works full time and	01.12.1995				
	ntific or art f	ield:			01.12.1995 Mechanics				
	emic cariee		Year	Institution	Field				
	emic title el		2009	Faculty of Technical Sci	ences - Novi S	ad	Mechanics		
			2009	Faculty of Technical Sci			Mechanics		
						Mechanics			
			2000	Faculty of Technical Sci					
	Bachelor's thesis 1994 Faculty of Technical Scie					Mechanics			
List of courses being held by the teacher in the accredited study p			udy programme	5					
	ID	Course	e name			Study pro	gramme name, study type		
1.	IAKI01	Select	ed Chapter	s in Kinematics		Studies	ineering Animation, Undergraduate Academic		
						Undergrad	chanization and Construction Engineering, uate Academic Studies		
2.	M103	Mecha	unics 1			(M30) Ene Academic	ergy and Process Engineering, Undergraduate Studies		
	10103	Mechanics 1					chnical Mechanics and Technical Design, uate Academic Studies		
						(P00) Production Engineering, Undergraduate Academic Studies			
		Mechanics 2				(M20) Mechanization and Construction Engineering, Undergraduate Academic Studies			
	M107					(M30) Energy and Process Engineering, Undergraduate Academic Studies			
3.						(M40) Technical Mechanics and Technical Design, Undergraduate Academic Studies			
						(P00) Production Engineering, Undergraduate Academic Studies			
		Mechanics 3				(M20) Mechanization and Construction Engineering, Undergraduate Academic Studies			
4.	MOOA					 (M30) Energy and Process Engineering, Undergraduate Academic Studies (M40) Technical Mechanics and Technical Design, Undergraduate Academic Studies 			
4.	M201								
						(P00) Production Engineering, Undergraduate Academic Studies			
							chanization and Construction Engineering, uate Academic Studies		
5.	M2411	Theory of Oscillation					nical Mechanics and Technical Design, uate Academic Studies		
						(P00) Production Engineering, Undergraduate Academ Studies			
6.	M4301	Computer Methods in Mechanics				(M40) Technical Mechanics and Technical Design, Undergraduate Academic Studies			
						(Z01) Safe	ety at Work, Undergraduate Academic Studies		
7.	Z108	Funda	Fundamentals of Mechanics			(ZC0) Clean Energy Technologies, Undergraduate Academic Studies			
						(Z20) Environmental Engineering, Undergraduate Academic Studies			
8.	BMI127	Biomo	chanics			(BM0) Biomedical Engineering, Undergraduate Academic Studies			
0.		ыотте				(E10) Power, Electronic and Telecommunication Engineering, Undergraduate Academic Studies			
9.	M44061	Optimi	zation of m	echanical systems			chnical Mechanics and Technical Design, uate Academic Studies		





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

Study Programme Accreditation



UNDERGRADUATE ACADEMIC STUDIES

List c	of courses b	eing held by the teacher in the accred	lited study programme	s				
	ID	Course name		Study programr	ne name, study type			
10.	BMIM4A	Transport phenomena and Living sy	stems	(BM0) Biomedic	al Engineering, Master Acad	demic Studies		
11.	M45021	21 Computer Methods in Mechanics 2 (M40) Technical Mechanics and Technical D Academic Studies						
12.	2. DTM01 Computer Methods in kinematics and dynamics of mechanical systems (M40) Technical Mechanics, Doctoral Academic Studies							
Rep	oresentative	refferences (minimum 5, not more th	an 10)					
1.	,	M. and Cveticanin, L.: Chaotic Respo 2007, Vol. 13, No. 6, str. 751- 767, ISS		ng System of Non	-ideal Type, Journal of Vibra	ation and		
2.	Zukovic,N 1229–124	И., Cveticanin,L., Chaos in non-ideal r 46, 2009	nechanical system wit	h clearance, Jour	nal of Vibration and Control	, 15(8):		
3.		Zuković, TORZIONE PARAMETARSK ENJEM, Magistarska teza, Novi Sad, :		DRIČNOG ZUPČ	ASTOG PARA SA EVOLVE	ΕΝΤΝΙΜ		
4.		/., NELINEARNE TORZIONE OSCIL/ je MMA 2000, Novi Sad, 08.juna 2000		PRENOSNICIMA	, VII Međunarodna konfere	ncija fleksibilne		
5.	Zuković, skup o ko	M., Radomirović, D. Kuzmanović, S.: . onstruisanju, oblikovanju i dizajnu KOI	Analiza uticaja raspore 2 2002, Novi Kneževa	eda zupčanika na c, Maj 2002, str. 1	dinamiku dvostepenog redu 41-144.	ıktora, Drugi		
6.		ović, D., Zuković. M., Gligorić, Radojka /ol.7, No.4, Novi Sad, Decembar, 200		ba i mase prikolio	e na kretanje traktora, Trak	tori i pogonske		
7.	Zuković, M., Radomirović, D. Rakarić, Z.: Nelinearne oscilacije u mehaničkim sistemima sa zazorom, VIII MEĐUNARODNA KONFERENCIJA FLEKSIBILNE TEHNOLOGIJE, MMA 2003., Novi Sad, Srbija i Crna Gora, 26-27. Jun 2003.							
8.	Radomirović, D., Maretić, R., Zuković. M.,: UNUTRAŠNJE KOORDINATE RAVANSKIH KRIVIH U MEHANICI, Letopis naučnih radova, Godina 27(2003), broj 1, strana 119-127							
9.	Radomirović, D., Gligorić, Radojka, Zuković. M.,: Kretanje traktora sa jednoosovinskom prikolicom, Traktori i pogonske mašine, Vol.8, No.4, Novi Sad, Novembar, 2003, str.124-129.							
10.	M. Zuković and Z. Rakarić : Steady state vibration of mechanical system with electric motor and nonlinear spring, Book of Abstracts, The First International Conference on COMPUTATION MECHANICS, Belgrade (CM'04), Serbia and Montenegro, November, 15-17, 2004., 31							
Sun	nmary data	for teacher's scientific or art and profe	essional activity:					
	ation total :		0					
		CI) list papers :	7			1		
Curre	ent projects	•	Domestic :	1	International :	0		



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



Study Programme Accreditation

UNDERGRADUATE ACADEMIC STUDIES

Mechanization and Construction Engineering

Name	e and last n	ame:			Žigić M. Miod	rag		
	emic title:	anc.			Assistant Pro			
		itution v	where the te	acher works full time and		echnical Sciences - Novi Sad		
	ng date:				01.10.2007			
Scien	tific or art f	ield:			Mechanics			
Acad	emic cariee	er	Year	Institution		Field		
Acad	Academic title election: 2012 Faculty of Technical Sciences					ad	Mechanics	
PhD thesis 2012 Faculty of Technical Sciences -				Faculty of Technical Sci	ences - Novi Sa	ad	Mechanics	
Magis	ster thesis		2008	Faculty of Technical Sci	ences - Novi Sa	ad	Mechanics	
	elor's thesis	3	2004	Faculty of Technical Sci			Mechanics	
List of courses being held by the teacher in the accredited study program				,				
!				<u> </u>				
	ID	Course	e name			Study pro	gramme name, study type	
1.	GG15	Streng	th of Materi	als		(G00) Civi	I Engineering, Undergraduate Academic Studies	
2.	GG410	Select	ed Chapter	s in the Theory of Elasticit	у	(G00) Civil	Engineering, Undergraduate Academic Studies	
						(H00) Med	chatronics, Undergraduate Academic Studies	
3.	H112	Mecha	inics 1 – Fu	ndamentals		(S00) Traf	fic and Transport Engineering, Undergraduate Studies	
4.	H201	Mecha	nics 2 - Ge	neral		(H00) Med	chatronics, Undergraduate Academic Studies	
5.	H202	Streng	th of materi	als		(H00) Med	chatronics, Undergraduate Academic Studies	
6.	H303	Mecha	tronics 3 –	Further Chapters		(H00) Med	chatronics, Undergraduate Academic Studies	
							chanization and Construction Engineering,	
		Strength of Materials				Undergraduate Academic Studies		
	M204					(M30) Energy and Process Engineering, Undergraduate Academic Studies		
7.						(M40) Technical Mechanics and Technical Design,		
						Undergraduate Academic Studies		
						(P00) Proo Studies	duction Engineering, Undergraduate Academic	
8.	M4302	Biomechanics and mechanics of sport				(M40) Technical Mechanics and Technical Design, Undergraduate Academic Studies		
9.	M4306	Simila	rity and dim	ensional methods		(M40) Technical Mechanics and Technical Design, Undergraduate Academic Studies		
10.	BMI128	Contin	uum Biome	chanics		(BM0) Biomedical Engineering, Undergraduate Academic Studies		
11.	II1004	Mecha	nics and In	dustrial 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	Therm	al Elasticity			(M40) Tec Academic	chnical Mechanics and Technical Design, Master Studies	
14.	BMIM4A	Transp	ort phenon	nena and Living systems		(BM0) Bio	medical Engineering, Master Academic Studies	
15.	M45991	Biome	chanics of o	cardiovascular system		(M40) Tec Academic	chnical Mechanics and Technical Design, Master Studies	
16.	SZD051		ations of op	timal control theory in livir	ng		ironmental Engineering, Specialised Academic	
17.	DM801		dical mecha				hnical Mechanics, Doctoral Academic Studies	
						, ,	chatronics, Doctoral Academic Studies	
		- ,				(M00) Me	chanical Engineering, Doctoral Academic Studies	
18.	DTM02	Iheory	/ of impact			(M40) Tec	chnical Mechanics, Doctoral Academic Studies	
							fic Engineering, Doctoral Academic Studies	
19.	DTM03	Biome	chanical mo	odels and analysis of impa	act	, ,	chnical Mechanics, Doctoral Academic Studies	
20.	ZRD16A			in mechanics and elastic		,	ety at Work, Doctoral Academic Studies	
I			•	num 5, not more than 10)	,,	(, , , , , , , , , , , , , , , , , , ,		
				. ,	na muele arour	by use of f	ractional derivatives, Computers and Mathematics	
1.				sue 5 (2010), 1695-1700.	ig music group		radional derivatives, computers and mainematics	



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



Study Programme Accreditation

 WANTE
 UNDERGRADUATE ACADEMIC STUDIES
 Mechanization and Construction Engineering

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

Re	presentative references (minimum 5, not more th	an iu)							
2.	N. Grahovac., M. Žigić, D. Spasić, On impact of Bifurcation and Chaos, Vol. 22, No 4 (2012)			tion type of dissipation,	International Journal				
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.	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 s Fractional Differentiation and Its Applications, R			ion type of dissipation, 4	1. IFAC Workshop on				
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	mmary data for teacher's scientific or art and profe	essional activity:							
Quo	tation total :	5							
Tota	l of SCI(SSCI) list papers :	2							
Curr	ent projects :	Domestic :	1	International :	0				



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

Study Programme Accreditation

Mechanization and Construction 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 adequate for the study programme features and predicted students` number are provided. The time table of the study programme is organized in two shifts ensuring required minimum of space per student.

Teaching is done in lecture halls, classrooms and specialised laboratories. The library houses more than 100 library units relevant for the Mechanization and Construction Engineering study programme. All the courses of the study programme are covered with adequate course literature, course books, and additional material which is available in time and in sufficient quantities for the regular teaching process. Sufficient IT support is also provided.

The Faculty of Technical Sciences has its own library and a reading room with enough space for every student in the lecture halls, classrooms and laboratories.



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



Study Programme Accreditation

UNDERGRADUATE ACADEMIC STUDIES

Mechanization and Construction Engineering

Standard 11. Quality Control

The quality control of the study programme is performed regularly and systematically through selfevaluation and external quality control. A long standing tradition of student survey should be emphasised here.

The quality control process is conducted through:

-end of the term students survey for each course

-graduate students survey at the graduation regarding the quality of the study programme and the logistic support. In addition, conditions for studying (classroom tidiness and neatness, etc...) are also evaluated. -student survey at the end of the school year when the logistic support is evaluated

-student survey at the enrolment at the new year of studies when student evaluate the study programme of the previous year

-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, conditions for studying (classroom tidiness and neatness, etc...) are also evaluated. The quality of the study programme is monitored by a committee formed by the heads of all chairs involved in the study programme and at least one student from each year of study.

