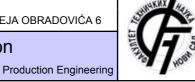


FACULTY OF TECHNICAL SCIENCES 21000 NOVI SAD, TRG DOSITEJA OBRADOVIĆA 6

Study Programme Accreditation



UNDERGRADUATE ACADEMIC STUDIES

STUDY PROGRAMME ACCREDITATION MATERIAL:

PRODUCTION ENGINEERING

UNDERGRADUATE ACADEMIC STUDIES

Novi Sad 2012.

Prevod sa srpskog jezika:

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



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UNDERGRADUATE ACADEMIC STUDIES

Production Engineering

Programme name	Production 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	242-243
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	117
Planned number of students to be enrolled in this programme	400
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

Production Engineering

UNDERGRADUATE ACADEMIC STUDIES

Standard 00. Introduction

Study program Production engineering is a study program of undergraduate studies at the Faculty of Engineering, University of Novi Sad. It was established at the Department of Production Engineering. Production engineering is an engineering field that on the basis of creativity and modern scientific knowledge enables successful designing and manufacturing of machines and systems, as well as a wide range of products necessary for the functioning of the economy. It integrates the development, design and product quality control, design and management of technological processes planning, and the design and management of factories in the field of metal and plastic industry.

Production engineering plays an important role in the successful operation and maintenance of many of the country's economic sectors, such as transport (road, rail, water and air), telecommunications, agriculture (production and processing), power supply (generation and transmission), the oil industry (production and processing), military (defense and defense industry), health care (clinical centers, hospitals, clinics), research and development centers and specific technologies (aerospace, nuclear). It is estimated that up to 80% of total jobs for mechanical engineers, are jobs for engineers from the field of production engineering.

Production engineering in terms of education should be seen as a study program created according to the needs of industry. Starting from the experience of developed industrial countries, today special emphasis is on the development of small and medium enterprises. Graduate engineers of production engineering are specially designed to work in such companies where it is important to have a knowledge of a wide range of manufacturing technologies for the manufacture of products, as well as the skills and knowledge necessary for design of products and machinery specific to this production. This study program is to enable students to sufficiently understand the basic physical principles of various fields of technology, to acquire the necessary theoretical knowledge and to acquire specific professional applicative knowledge required for the implementation of modern technical systems development and operation of the product.

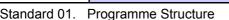


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This study program of undergraduate study is denominated as Production Engineering. After a graduation, the student receives academic title: Bachelor of Science in Mechanical Engineering (BSc Mech.Eng.).

The outcome of the learning process at this level of study is the knowledge that enables students to use literature, the application of knowledge in solving practical problems in the field or to continue their studies (if they opt for it).

À candidate to be enrolled must have completed four-year secondary school. Application procedures, grading and registration of candidates is defined in the Regulations of enrollment in approved study programs at the faculty level.

Study program of undergraduate studies for production engineering is four years, and is worth 240 ECTS. This program of study includes required and elective courses, professional practice and graduate thesis. Elective courses are selected from the group of proposed courses. By choosing the courses student have the opportunity to develop their preferences by studying one of the five proposed areas of production engineering from the third year of study: computer aided technologies, modern technologies for material forming, modern technologies for shaping of plastics, precision engineering and software for mechanical engineering.

Application of computer aided technologies in design, processes of metal cutting, process planning, and the use of modern technologies in the production and maintenance of technical systems, is studied in the study group of Computer aided technologies.

In the study group on Modern technologies of materials forming, the emphasis is on studying the application of modern forming technologies; design, process planning related to this group of technologies and the application of forming technologies in the production processes.

Study group Modern technologies for shaping of plastics enables the study of technological aspects of processing various plastic materials, design of plastic products and tools for their creation, and design features of contemporary production machinery in this field.

In the study group Precision engineering emphasis is on the study of the basic principles and sophisticated machining technology to be applied in the design and production of parts that feature high accuracy and precision, as well as the very small dimensions, even to the nano level.

Software engineering is a study group that allows students to acquire detailed knowledge related to the application and development of specific software tools and system that serve as a support in the application of modern mechanical systems.

The study program of each course is designed so offering to students the opportunity to concretize the issues specific to certain areas of production engineering.

All courses in this study program are one semestral, and carry the certain number of credits. According to established standards, one ECTS credit equals approximately 30 hours of student activities (lectures, exercises, preparing for exams, ...).

Upon enrollment each student is determined by an advisor who direct it, according to student interests, which courses to choose in elective positions, where to do the professional practice and which thesis topic to choose. The proposal drawn up jointly by student and his advisor have to be approved by the Commission for the quality of the study program. Advisor overlooks the work and progress of the candidate at the Faculty.

Teaching is done through lectures and exercises. On lectures, using appropriate didactic materials, the course subject is exhibited and the necessary explanations that contribute to a better understanding of the subject matter are provided.

On exercises, which follow the lectures, practical tasks are solved and examples that further illustrate the course matter are presented. It also provides additional explanations of the material is presented in lectures.

In the study program students are required, according to their preferences, to perform the professional practice in enterprises from the field of production engineering.

Instead of teaching in the classroom, the Department organizes excursions, where the obvious teaching is provided. This includes visits to a typical factories, professional institutes and technology fairs in the country and abroad.

Each course carries a certain number of ECTS. Study is considered complete when a student fulfill all obligations in the program of study and collect at least 240 ECTS (pass all required courses and defense the final - graduate thesis).

To student who has completed the bachelor studies in production engineering, in diploma supplement can be added the study group of his final thesis. Decision to include the study group in diploma supplement, on



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the bases of student's request, is on the side of the Commission for the quality of the study program.



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The purpose of the study program of undergraduate studies is to educate students for the profession of an engineer of production engineering in accordance with the needs of society.

Production engineering study program is designed to ensure the acquisition of competencies that are socially justified and useful. The Faculty of Technical Sciences has defined the aims and goals of education for highly competent personnel in the field of engineering. The purpose of the study program production engineering is fully consistent with the basic responsibilities of the Faculty of Technical Sciences.

The realization of this specially conceptualized study program ensures education of engineers of production engineering, which have competence in European and world scale.



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Production Engineering

Standard 03. Programme Goals

The aim of the study program of undergraduate studies is to achieve competence and academic skills in the field of production engineering. This, among other things, includes the development of creative skills and the ability to consider the problem of critical thinking, developing skills, teamwork and mastery of specific practical skills needed for the profession.

The aim of the study is to establish an expert who has sufficient knowledge of the necessary basic engineering disciplines (mathematics, mechanics, ...), general technical disciplines in mechanical engineering, electrical engineering, programming and application of modern information technology, automation, modern machinery, as well as professional application of knowledge in the field of production engineering.

One of the specific objectives, consistent with the goals of education professionals from the Faculty of Technical Sciences is to develop students' awareness of the need for continuing education, the development of society and the environmental protection.

The aim of the study is also the education of professionals in domain of teamwork, and the development of communication skills and professional presentation of results to the general public.

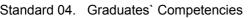


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Production Engineering



Graduates of undergraduate study program production engineering are competent to deal with the real problems in practice and continue their education if they choose to do so. Competencies include, above all, the development of critical thinking skills, ability to analyze problems, synthesis solutions, predicting the behavior of the chosen solution with a clear idea of what is good and what is bad by the chosen solution. Related to mastering specific skills, students acquire basic knowledge and understanding of all disciplines in relevant fields, as well as the ability to solve practical problems with the use of scientific methods and procedures. Considering the nature of the study program, is especially important ability to relate basic knowledge in various fields and their applications. Production engineering graduates are able to properly write and to present the results of their work. During the study focus is on intensive use of information and communication technologies.

Graduates of this level of study have competences to apply knowledge in practice and the monitoring and implementation of innovation in the profession, and to cooperate with local and international social environment.

Students are trained to design, organize and manage production. During studies student gains the ability to independently perform experiments, statistical analysis of the results and to produce and formulate appropriate conclusions.

Production engineering graduates gain knowledge on how to cost-effectively use natural resources of the Republic of Serbia in accordance with the principles of sustainable development. Special attention is paid to the development of teamwork spirit and the development of professional ethics.



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UNDERGRADUATE ACADEMIC STUDIES

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Standard 05. Curriculum

The curriculum of undergraduate study program production engineering has been formed to meet all of our goals. The structure of the study program provided about 15% of academic general-educational, about 20% of theoretical-methodological, about 35% of the scientific-technical and 30% of professionalapplicative courses. It is also filled with electives that are represented with 20% of credits. In addition to the previous division, the courses of the study program can be divided into the following groups: -Group of courses from basic engineering disciplines (mathematics, mechanics, ...), -Group of courses from the field of mechanical engineering, -Group of objects from the field of electrical engineering, -Group of courses related to automatic control, -Group of subjects from the field of programming and the use of aplicative software (CAD, simulation, ...). -Group of courses in which education in production engineering is concretized. The first two years are basic and focused on general education of students in this educational program. while through the selection of elective courses during the remaining two years including the thesis, student qualifies for a particular expertise within the specific field of production engineering - computer aided technologies, modern technologies for material forming, modern technologies for shaping of plastics, precision engineering and software for mechanical engineering - so that at the end of the study profiled form of knowledge gained in the field of production engineering. All courses are single semestral and carry an appropriate number of ECTS points where one point equals approximately 30 hours of student activities. The order of presentation of the courses is such that the skills needed for the following courses are acquired in previously presented courses. The curriculum is defined in the description of each course that contains the name, type, year and

The curriculum is defined in the description of each course that contains the name, type, year and semester of study, the number of ECTS credits, name of the teacher, the course aims to appropriate outcomes, skills and competencies, prerequisites for attending the course, course content, suggested readings, teaching methods, methods of assessment and evaluation, and other data.

The study program is compliant with the European standards in terms of admission requirements, length of study, the conditions of transition to the next year, graduation and modes of study.

An integral part of the curriculum of the production engineering study program is a professional practice and practical work for 45 hours, which is implemented in the relevant scientific research institutions, organizations for innovation activities, in organizations for providing infrastructural support to innovation activities, in companies and public institutions.

A student completes the studies by producing the final thesis, which consists of theoretical and methodological preparation necessary for in-depth understanding of the field of the final thesis as well as of the writing of the thesis.

Prior to the thesis defense, the candidate have to pass the theoretical and methodological basis with the mentor. The final score of the final thesis is done on the basis of the assessment of the theoretical and methodological preparation and assessment of the writing and defense of the thesis. The final thesis is defended before a commission consisting of at least three teachers.



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Production Engineering

Study Programme Accreditation

 OWNERGRADUATE ACADEMIC STUDIES

 Table 5.2 Course specification

Course	:						_		
Course	id:	M102				Mathematics	1		
Number	r of ECTS:	7							
Teache	rs:		Teofanov Đ.	Ljiljana, Niko	lić M. Alek	sandar, Mihailović P. Bilja	ana		
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	sses:
	3	3		0		0		0	
Precond	dition courses		!	None		ł			
1. Educ	ational goal:								
Enablin	a students for	abstract thir	nkina, aenera	lization and a	acquisition	of mathematical knowled	ge for technical appli	cation.	
	9						9		
2. Educ	ational outcom	nes (acquire	d knowledge):					
The stu	dent is able to	apply math	ematical mod	lels in profess	sional cou	rses.			
3. Cour	se content/stru	icture:							
						Cramer`s rule, Gauss alo			
	continuity, diff				nd rationa	Il functions. Number sequ	ences, functions of o	ne variable (i	boundary
4 Teac	hing methods:			,					
	0	ara auditar	with colouis	tion Dortiol o	vominatio	na (aallaguia) ara takan a	fter bigger obentere		
Lecture	s and practice	are auditory	/ with calcula	llion. Parliai e	xaminatio	ns (colloquia) are taken a	iter bigger chapters.		
				Knowledge	evaluation	(maximum 100 points)			
	Pre-examina	tion obligati	ons	Mandatory	Points	Final ex	am	Mandatory	Points
	e attendance			Yes		Final exam - part one		Yes	35.00
	attendance			Yes		Final exam - part two		Yes	35.00
Test				Yes	10.00	-			
Test				Yes	10.00				
					Liter	ature		i	
Ord.	A	uthor			Title	9	Publishe	r	Year
1,	Jovanka Niki			natika jedan,	l deo		Stylos d.o.o.	Т	
	T.Grbić, S. L	ikavoc T Li	ukić		otoko iz m	stematika indan			2002
2,	J. Pantović,N			i resenin zada	alaka iz m	atematike jedan	FTN Novi Sad		2002 2004



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Production Engineering

Study Programme Accreditation

 OWNERGRADUATE ACADEMIC STUDIES

 Table 5.2 Course specification

Course	:												
Course	id:	M103				Mechanics	1						
Number	r of ECTS:	5											
Teache	rs:		Cvetićanin	J. Livija, Zukov	ić M. Mio	drag							
Course	status:		Mandatory										
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	2	0		0		0					
Precon	dition courses	-	-	None									
1. Educational goal:													
 Educational goal: Acquisition of basic knowledge in Statics. This knowledge will be used as a foundation for studying Mechanical elements and Strength of materials. Besides, it is the basis which enables students to develop the ability of three-dimensional visualization by analyzing problems in space. 													
2. Educ	ational outcom	nes (acquire	ed knowledg	e):									
Acquisit	tion of knowled	lge necess	ary for the m	echanical engi	neer.								
3. Cour	se content/stru	icture:											
relation Force d Theored system cylindrid Crossed Invariar the equ Exampl 30. The	ships. Relation ecomposition is m on three no of forces and to cal surface. 17 d forces. 21. M tt of an arbitrar ilibrium exister es. 36. Equilib elementary sh	nships and into three n on-parallel torques. Ba . Rolling fri lomentum of ry system of nce. 27. Eq rrium of hor nift of the b	relationship on-parallel of forces in the lance condit ction. Torqu of the axis. 2 of forces and uilibrium of a mogeneous ody points. E	o reactions. 7 components in e plane. 11. St tions. 14. Balar e friction. 18. S 2. Spatial syste torques in spaa a homogeneou line. Examples Elementary ang	Addition of the plane tatic detence of the Spatial con- ems of for ince. 25. An is three-d a. 29. Ana- gle of bod	echanical action. Torque of intersecting forces. 8. I . 9. Confronted system of rminacy and indetermina rigid body planar system. nfronted system of forces rces and torques. 23. Red ddition of two parallel forc imensional body. Exampl lytical statics. Small move y rotation. 31. Elementary y of the equilibrium position	Force decomposition forces in the plane. E cy. 12. Momentum f 15. Sliding friction. 1 Balance. 19. Adding ucing torsions on dyr es. 26. Rigid body ec es. 28. Equilibrium of ement. The number of work of force. Eleme	into two com Balance condi for a point. 13 6. Rope friction torques. Bal- namo. Central quilibrium. The f homogeneous of degrees of	ponents. tions. 10. 3. Planar on on the ance. 20. axis. 24. e proof of us plates. freedom.				
4. Teac	hing methods:												
Lecture	s are auditory,	while prac	tice is audito	ory and comput	ing.								
				Knowledge e	evaluation	(maximum 100 points)							
	Pre-examina	ation obligation	tions	Mandatory	Points	Final ex	kam	Mandatory	Points				
	e attendance			Yes		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										
	1		1			ature							
Ord.		uthor		1	Title	9	Publishe	er	Year				
1, 2,	 Đ. Đukić, L. (I. Kovačić, Z. 		Stati	ka ka - Zbirka zad	lataka		FTN Novi Sad FTN Novi Sad		2006 2006				
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Study Programme Accreditation

UNDERGRADUATE ACADEMIC STUDIES

Production Engineering

	:				_				
Course	id:	M105			N	lechanical Mate	erials		
Numbe	r of ECTS:	8	1						
Teache	r:		Gerić D. Kata	arina					
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	isses:
	4	(0	3		0		1	
Precon	dition courses			None		•			
1. Educ	ational goal:								
	-	nowledge ir	n the field of s	cience on ma	terials and	materials used in mecha	nical engineering.		
2. Educ	ational outcom	nes (acquire	ed knowledge):					
	ed knowledge i It mechanical			ionship betwe	een charac	cteristics and properties	of materials and app	blication of ma	aterials in
3. Cour:	se content/stru	icture:							
phase c	diagrams, one	-, two- and	three- compo	onent system		ystals. Crystal plasticity. ransformations liquid/sol			
metal m copper	naterial prope and aluminiun ies and applica	rties. Impo n, propertie	ortance of mee es and applica	chanical prop ition. 2. Cera	erties and mic materia	ineering materials: 1. Me I their experimental dete als – structure, propertie nacro composite materia	etal materials. Impace rmination. Metal material and application. 3	ct of microstru aterials based . Polymers –	ucture on d on iron, structure,
metal m copper properti materia	naterial prope and aluminiun ies and applica	rties. Impo n, propertie ation. 4. Co	ortance of mee es and applica	chanical prop ition. 2. Cera	erties and mic materia	ineering materials: 1. Me I their experimental dete als – structure, propertie	etal materials. Impace rmination. Metal material and application. 3	ct of microstru aterials based . Polymers –	ucture on d on iron, structure,
metal m copper properti materia 4. Teac The cou followed	naterial prope and aluminiun ies and applica ls. hing methods: urse is interac d by typical e	rties. Impo n, propertie ation. 4. Co tive in the t xamples fo	ortance of mea es and applica omposite mate form of lecture or better unde	chanical prop ition. 2. Cera rials (nano, m es and labora erstanding. E	erties and mic materia nicro, and r atory praction	ineering materials: 1. Me I their experimental dete als – structure, propertie	etal materials. Impace ermination. Metal materials and application. 3 Is). Properties and a retical part of the co ed knowledge is ap	ct of microstru aterials based . Polymers – : pplication. Se purse is prese	ucture on d on iron, structure, election of
metal m copper properti materia 4. Teac The cou followed	naterial prope and aluminiun ies and applica ls. hing methods: urse is interac d by typical e	rties. Impo n, propertie ation. 4. Co tive in the t xamples fo	ortance of mea es and applica omposite mate form of lecture or better unde	chanical prop ition. 2. Cera rials (nano, m es and labora erstanding. E practice, co	erties and mic materi- nicro, and r atory practi During labo nsultations	ineering materials: 1. Me I their experimental dete als – structure, propertie nacro composite materia ice. During lectures theo pratory practice, acquire	etal materials. Impace ermination. Metal materials and application. 3 Is). Properties and a retical part of the co ed knowledge is ap	ct of microstru aterials based . Polymers – : pplication. Se purse is prese	ucture on d on iron, structure, election of
metal m copper properti materia 4. Teac The cou followed	naterial prope and aluminiun ies and applica ls. hing methods: urse is interac d by typical e	rties. Impo n, propertie ation. 4. Co tive in the t xamples fo t. Besides	ortance of mea es and applica omposite mate form of lecture or better unde lectures and	chanical prop ition. 2. Cera rials (nano, m es and labora erstanding. E practice, co	erties and mic materi- nicro, and r atory practi During labo nsultations	ineering materials: 1. Me I their experimental dete als – structure, propertie nacro composite materia ice. During lectures theo pratory practice, acquire s are held on a regular	etal materials. Impace ermination. Metal materials. And application. 3 Is). Properties and a retical part of the co ed knowledge is ap basis.	ct of microstru aterials based . Polymers – : pplication. Se purse is prese	ucture on d on iron, structure, election of
metal m copper properti materia 4. Teac The cou followed laborato	naterial prope and aluminiun ies and applica ls. hing methods: urse is interac d by typical e ory equipmen	rties. Impo n, propertie ation. 4. Co tive in the t xamples fo t. Besides ation obliga	ortance of mea es and applica omposite mate form of lecture or better unde lectures and	chanical prop tition. 2. Cera rials (nano, m es and labora erstanding. E practice, co Knowledge e	erties and mic materia nicro, and r atory practi During labo nsultations evaluation Points	ineering materials: 1. Me I their experimental dete als – structure, propertie macro composite materia ice. During lectures theo pratory practice, acquire s are held on a regular (maximum 100 points)	etal materials. Impace ermination. Metal materials. And application. 3 Is). Properties and a retical part of the co ed knowledge is ap basis.	ct of microstru aterials based . Polymers – pplication. Se purse is prese plied on the	ucture on d on iron, structure, election of ented and available
metal m copper properti materia 4. Teac The cou followed laborate	naterial prope and aluminiun ies and applica ls. hing methods: urse is interac d by typical e ory equipmen Pre-examina	rties. Impo n, propertie ation. 4. Co tive in the t xamples fo t. Besides ation obliga	ortance of mea es and applica omposite mate form of lecture or better unde lectures and	chanical prop tition. 2. Cera rials (nano, m es and labora erstanding. E practice, co Knowledge e Mandatory	atory practi During labor nsultations evaluation 5.00	ineering materials: 1. Me I their experimental dete als – structure, propertie nacro composite materia ice. During lectures theo pratory practice, acquire s are held on a regular (maximum 100 points) Final ex	etal materials. Impace ermination. Metal materials. And application. 3 Is). Properties and a retical part of the co ed knowledge is ap basis.	ct of microstru aterials based . Polymers – : pplication. Se purse is prese plied on the : Mandatory	ented and available Points
metal n copper properti materia 4. Teac The cou followed laborate Laborate	naterial prope and aluminium ies and applica ls. hing methods: urse is interac d by typical e ory equipmen Pre-examina tory exercise a attendance	rties. Impo n, propertie ation. 4. Co tive in the t xamples fo t. Besides ation obliga	ortance of mea es and applica omposite mate form of lecture or better unde lectures and	chanical prop tition. 2. Cerai rials (nano, m es and labora erstanding. E practice, co Knowledge e Mandatory Yes	atory practi During labo nsultations evaluation 5.00 (10.00	ineering materials: 1. Me I their experimental dete als – structure, propertie nacro composite materia ice. During lectures theo pratory practice, acquire s are held on a regular (maximum 100 points) Final ex Coloquium exam	etal materials. Impace ermination. Metal materials. And application. 3 Is). Properties and a retical part of the co ed knowledge is ap basis.	ct of microstru aterials based . Polymers – pplication. Se purse is prese plied on the Mandatory Yes	ented and available Points 20.00
metal m copper properti materia 4. Teac The cou follower laborate Laborate Lecture	naterial prope and aluminium ies and applica ls. hing methods: urse is interac d by typical e ory equipmen Pre-examina tory exercise a attendance	rties. Impo n, propertie ation. 4. Co tive in the t xamples fo t. Besides ation obliga	ortance of mea es and applica omposite mate form of lecture or better unde lectures and	chanical prop tition. 2. Cera rials (nano, m es and labora erstanding. E practice, co Knowledge e Mandatory Yes Yes	atory practi During labor nsultations evaluation 5.00 (5.00 (ineering materials: 1. Me I their experimental dete als – structure, propertie nacro composite materia ice. During lectures theo pratory practice, acquire s are held on a regular (maximum 100 points) Final ex Coloquium exam	etal materials. Impace ermination. Metal materials. And application. 3 Is). Properties and a retical part of the co ed knowledge is ap basis.	ct of microstru aterials based . Polymers – pplication. Se purse is prese plied on the Mandatory Yes	ented and available Points 20.00
metal m copper properti materia 4. Teac The cou followe laborate Laborate Lecture Term pa	naterial prope and aluminium ies and applica ls. hing methods: urse is interac d by typical e ory equipmen Pre-examina tory exercise a attendance	rties. Impo n, propertie ation. 4. Co tive in the t xamples fo t. Besides ation obliga	ortance of mea es and applica omposite mate form of lecture or better unde lectures and	chanical prop tition. 2. Cera rials (nano, m es and labora erstanding. E practice, co Knowledge e Mandatory Yes Yes Yes Yes	atory practi During labo nsultations evaluation 5.00 (10.00	ineering materials: 1. Me I their experimental dete als – structure, propertie macro composite materia ice. During lectures theo pratory practice, acquire s are held on a regular (maximum 100 points) Final ex Coloquium exam Oral part of the exam	etal materials. Impace ermination. Metal materials. And application. 3 Is). Properties and a retical part of the co ed knowledge is ap basis.	ct of microstru aterials based . Polymers – pplication. Se purse is prese plied on the Mandatory Yes	ented and available Points 20.00
metal m copper properti materia 4. Teac The cou followe laborate Laborate Lecture Term pa	naterial prope and aluminium ies and applica ls. hing methods: urse is interac d by typical e ory equipmen Pre-examina tory exercise a attendance aper	rties. Impo n, propertie ation. 4. Co tive in the t xamples fo t. Besides ation obliga	ortance of mea es and applica omposite mate form of lecture or better unde lectures and	chanical prop tition. 2. Cera rials (nano, m es and labora erstanding. E practice, co Knowledge e Mandatory Yes Yes Yes Yes	atory practi During labor nsultations evaluation 5.00 (5.00 (10.00 10.00	ineering materials: 1. Me I their experimental dete als – structure, propertie macro composite materia ice. During lectures theo pratory practice, acquire s are held on a regular (maximum 100 points) Final ex Coloquium exam Oral part of the exam	etal materials. Impace ermination. Metal materials. And application. 3 Is). Properties and a retical part of the co ed knowledge is ap basis.	ct of microstru aterials based . Polymers – : pplication. Se purse is prese plied on the : Mandatory Yes Yes	ented and available Points 20.00
metal m copper properti materia 4. Teac The cou followe laborate Laborate Laborate Term pa Test Ord. 1,	naterial prope and aluminium ies and applica ls. hing methods: urse is interac d by typical e ory equipmen Pre-examina ory exercise a attendance aper A L. Šiđanin, K	rties. Impo n, propertie ation. 4. Co tive in the f xamples fo t. Besides ation obliga ttendance	form of lecture form of lecture nectures and lectures and lectures and mašin	chanical prop tition. 2. Cera rials (nano, m es and labora erstanding. E practice, co Knowledge e Mandatory Yes Yes Yes Yes Ski materijali	atory practi During labor nsultations evaluation 5.00 (5.00 (10.00 10.00 Litera Title	ineering materials: 1. Me I their experimental dete als – structure, propertie macro composite materia ice. During lectures theo pratory practice, acquire s are held on a regular (maximum 100 points) Final ex Coloquium exam Oral part of the exam	etal materials. Impacementals and application. 3 Is). Properties and a retical part of the co ed knowledge is ap basis.	ct of microstru aterials based . Polymers – : pplication. Se purse is prese plied on the : Mandatory Yes Yes	ented and available Points 20.00 Year 2007
metal m copper properti materia 4. Teac The cou followe laborate Laborate Lecture Term pa Test Ord. 1, 2,	naterial prope and aluminium ies and applica ls. hing methods: urse is interac d by typical e ory equipmen Pre-examina tory exercise a attendance aper <u>A</u> L. Šiđanin, K L. Šiđanin, K	rties. Impo n, propertie ation. 4. Co tive in the f xamples fo t. Besides ation obliga ttendance attendance	ortance of measure and applications of lectures and applications descent and the second secon	chanical prop tition. 2. Cera rials (nano, m es and labora erstanding. E practice, co Knowledge e Mandatory Yes Yes Yes Yes Yes Ski materijali ski materijali	atory practi During labor nsultations evaluation 5.00 5.00 10.00 Litera Title I - sveska	ineering materials: 1. Me I their experimental dete als – structure, propertie macro composite materia ice. During lectures theo pratory practice, acquire s are held on a regular (maximum 100 points) Final experimental Coloquium exam Oral part of the exam	etal materials. Impacementals and application. 3 Is). Properties and a retical part of the co ed knowledge is ap basis. cam Publishe FTN, Novi Sad FTN, Novi Sad	ct of microstru aterials based . Polymers – : pplication. Se purse is prese plied on the : Mandatory Yes Yes	ented and available Points 20.00 Year 2007 2007
metal n copper properti materia 4. Teac The cou followed laborato Laborato Laborato Term pa Test Ord. 1, 2, 3,	naterial prope and aluminium ies and applica ls. hing methods: urse is interac d by typical e ory equipmen Pre-examina tory exercise a attendance aper L. Šiđanin, K L. Šiđanin, K	rties. Impo n, propertie ation. 4. Co tive in the f xamples fo t. Besides ation obliga ttendance attendance	form of lecture or better unde lectures and lectures and mašin Mašin Mašin	chanical prop tition. 2. Cera rials (nano, m es and labora erstanding. E practice, co Knowledge e Mandatory Yes Yes Yes Yes Ski materijali ski materijali	atory practi During labor nsultations evaluation 5.00 5.00 10.00 Litera Title I - sveska	ineering materials: 1. Me I their experimental dete als – structure, propertie macro composite materia ice. During lectures theo pratory practice, acquire s are held on a regular (maximum 100 points) Final experimental Coloquium exam Oral part of the exam	etal materials. Impacementals and application. Metal materials and application. 3 Is). Properties and a properties and a pretical part of the contract of the	ct of microstru aterials based . Polymers – : pplication. Se purse is prese plied on the : Mandatory Yes Yes er	ented and available Points 20.00 50.00 Year 2007 2007
metal m copper properti materia 4. Teac The cou followe laborate Laborate Lecture Term pa Test Ord. 1, 2,	naterial prope and aluminium ies and applica ls. hing methods: urse is interac d by typical e ory equipmen Pre-examina tory exercise a attendance aper <u>A</u> L. Šiđanin, K L. Šiđanin, K	rties. Impo n, propertie ation. 4. Co tive in the f xamples fo t. Besides ation obliga ttendance attendance	form of lecture or better unde lectures and lectures and mašin Mašin Mašin	chanical prop tition. 2. Cera rials (nano, m es and labora erstanding. E practice, co Knowledge e Mandatory Yes Yes Yes Yes Yes Ski materijali ski materijali	atory practi During labor nsultations evaluation 5.00 5.00 10.00 Litera Title I - sveska	ineering materials: 1. Me I their experimental dete als – structure, propertie macro composite materia ice. During lectures theo pratory practice, acquire s are held on a regular (maximum 100 points) Final experimental Coloquium exam Oral part of the exam	etal materials. Impacementals and application. 3 Is). Properties and a retical part of the co ed knowledge is ap basis. cam Publishe FTN, Novi Sad FTN, Novi Sad	ct of microstru aterials based . Polymers – pplication. Se purse is prese plied on the Mandatory Yes Yes er Beograd	ented and available Points 20.00 Year 2007 2007



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



Production Engineering

Study Programme Accreditation

UNDERGRADUATE ACADEMIC STUDIES

Course:	:									
Course	id:	- P105				Heat Process	ing			
Number	r of ECTS:	5								
Teache	rs:		Kakaš I. Da	amir, Škorić N.	Branko					
Course	status:		Mandatory							
Number	r of active tead	ching classe	es (weekly)							
L	ectures:	Practical	classes:	Other teachi	ng types:	Study rese	arch work:	Other cla	sses:	
	3	()	2		C		1		
Precond	dition courses	•		None		•				
1. Educ	ational goal:			<u>_</u>						
	Ũ	introduce s	students to h	neat processing						
000100				iout proceeding	•					
2. Educ	ational outcon	nes (acquire	ed knowledg	je):						
	ts who succes entation.	sfully mast	er the cours	e will be able to	o determir	ne optimal technology, de	fine all necessary pa	arameters for	technical	
3. Cours	se content/stru	ucture:								
Signific: Improve	ance and app ement technol	plicability o logies, sign	f Mechanica	al processing. T d types of para	Types of p meters. T	processes and systemati he quality of machines a	zation. Problems wit	h material pro	ocessing.	
4. Teac	hing methods:									
Lecture	s are held with	n occasiona				od is applied in the lectu	res. Student knowled	ge is formed	based on	
many lit	ttie examples,	which grow	/s into engin	eering intuition						
	Pre-examina	ation obliga	tiono	Mandatory	Points	(maximum 100 points) Final e		Mandatory	Points	
Homew		ation obliga	10115	Yes		Oral part of the exam	kaini	Yes	40.00	
Homew	-			Yes	20.00			103	+0.00	
Laborat	ory exercise a	Ittendance		Yes	5.00					
Lecture	attendance			Yes	5.00					
Term pa	aper			Yes	10.00					
					Liter	ature				
Ord.	A	Author			Title	!	Publishe	er	Year	
1,	Pantelić Ilija		Tehi	nologija termičk	e obrade	čelika 1	Radnički univerzite Ćirpanov", Novi Sa	d	1974	
2,	Pantelić Ilija			nologija termičk	e obrade	čelika 2	Radnički univerzite Ćirpanov", Novi Sa		1974	
3,	George E To H Howes	,	ce A Steel heat treatment handbook Marcel Dekker 199							
4,	K.E. Thelning	•		el and its Heat T			Butterworth		1978	
5,	Grupa autora	а		rce Book on He		*	American Society for		1975	
6,	A.V. Luikov			lytical Heat Diff	usion The	ory	Academic Press, Lo	ondon	1968	
7,	V.P. Isačenk A.S. Sukome		pova, Tepl	lo peredača			Energia, Moskva		1975	



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



Study Programme Accreditation

UNDERGRADUATE ACADEMIC STUDIES

Production Engineering

Course	:								
Course	id:	M101				Technical Phy	sics		
Numbe	r of ECTS:	4							
Teache	ers:		Kozmidis-Pe	trović F. Ana,	Lončarev	rić M. Ivana			
Course	status:		Elective						
Numbe	r of active tead	hing classes	s (weekly)						
L	ectures:	Practical of	classes:	Other teachi	ng types:	Study resea	arch work:	Other cla	asses:
	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 knowledae):					
	nowledge in te	· ·	U	,					
Buolo II									
3. Cour	se content/stru	icture:							
Condu Electro Diamag The ab Dispers Black b	ctors and die magnetism. Th gnetism, paran sorption of sou sion. Optical ins	electric in a ne magnetic nagnetism, f ind. Ultrasou strument. W k law. Photo	an electric field of elect erromagneti und. Optics. ave optics. F	field. Electri tricity. Electro sm. Wave pro The basic law Polarization. D	city. DC magnetic opagation /s of geon	tivity. Fundamentals of resistance. Modern ti induction. Magnetic field and acoustics. Wave ec netrical optics. Regular re of light and X – ray diffrac . Physical basis of nuclea	heory of conductiv energy. AC. Magne juation. Doppler effe flection. Diffuse reflection. Color. Dualism	ity. Semicor tic field in the ct. Power and ection. Index i of light. Heat	nductors material d volume refraction radiation
4. Teac	hing methods:								
Lecture	es, Laboratory I	Practice, Co	mputing Prac	ctice, Consulta	ations.				
				Knowledge e	valuation	(maximum 100 points)			
	Pre-examina	ation obligati	ons	Mandatory	Points	Final e	kam	Mandatory	Points
	tory exercise d	efence		Yes		Written part of the exam	- tasks and theory	Yes	70.00
Lecture	attendance			Yes	10.00				
	1				Liter	ature			
Ord.	A	Nuthor			Title	9	Publishe	••	Year
1,	Ana Petrović	:	Osnov	vi primenjene	fizike		Univerzitet u Novor Fakultet Tehničkih		2007



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



Production Engineering

Study Programme Accreditation

UNDERGRADUATE ACADEMIC STUDIES

Course	:		Obernietz in Mechanical Englishering								
Course	id:	Z151		Ch	nemisti	ry in N	lechanica	I Engineering)		
Numbe	r of ECTS:	4									
Teache	ers:	K	iurski S. Je	lena, Radonio	č R. Jelena	a, Turk-Se	ekulić M. Maja				
Course	status:	E	lective								
Numbe	r of active tead	hing classes	(weekly)			_					
L	.ectures:	Practical cla	asses:	Other teachi	ng types:		Study rese	arch work:	Other cla	asses:	
	2	0		2			C		0		
Precon	econdition courses None										
1. Educ	ational goal:			-							
Introduo	cing students	of technical pr	rofession to	o the basic pri	nciples an	nd chemist	try laws.				
	ational outcom		0	,							
Acquiring basic knowledge in the field of general, organic and inorganic chemistry and understanding all the processes and phenomena of chemical reactions in the technical sciences.											
3. Cour	se content/stru	icture:									
Structul organic process Fuels a 4. Teac Lecture lectures	re of molecule compounds. (ses. Corrosion ind lubricants. thing methods: es. Laboratory a hich consists iums.	s. Dispersed Chemical kine . Corrosion pr and Computin nd computing of computatio	systems. S tic. Chemic rocesses a ing Practic practice. A nal and the	Solutions. Typ cal equilibriun nd corrosion e. Consultatio After successf eoretical part.	bes and ch n. Electroly protection ons – indiv fully realize Computa	haracteris yte dissoc 1. Thermo vidual and ed examir ational par	tics of inorgani iation. Dissocia dynamic and ki d group. During nation prerequis	es. Chemical bonds. c compounds. Types tion of water. pH valu netic aspects of cata semester students ites, students take th am can be quarterly	and charact ue. Oxidation lysis. Termod are required he final exam taken throug	eristics of reduction chemistry. to attend in written gh the two	
Tyoroio	Pre-examina e attendance	ation obligation	ns	1 1		\ A /			Mandatory		
	tory exercise d	efence		Yes Yes		Coloquiu		- tasks and theory	Yes No	70.00 20.00	
	attendance			Yes		Coloquiu			No	20.00	
				1		ature					
Ord.	A	uthor			Title	9		Publishe	er	Year	
1,	M. Vojinović Turk Sekulić	Miloradov, M. , J. Radonić	HEIMI	JA (interna sł	• •			FTN, Novi Sad,		2011	
2,		Miloradov et a	al. iz pre	NA SVESKA, dmeta HEMIJ			vima za vežbe	FTN, Novi Sad		2012	
3,	D. Stojanovi D. Kosanovi	ć, N., Stojanov ć	SIEI				adahrana	Rad, Beograd		1995	
4,	I. Filipović, S	•	pogla	A I ANORGAN <u>vlja)</u> FA I NEORGA				Školska knjiga, Zag		1991	
5,	S. Arsenijevi G. W. vanLo		pogla	vlja)				Naučna knjiga, Beo Oxford University F	0	1998	
6, 7	Duffy			onmental Che				New York Oxford University F		2011 2006	
7,	P. Monk				у	Maths for Chemistry New York					
-								0000			
8, 9,		and N. Schore		nska hemija nska hemija				Školska knjiga, Zag Data status, Beogra		2008 2004	



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



Production Engineering

Study Programme Accreditation

UNDERGRADUATE ACADEMIC STUDIES

Course	id: M108		En	gineeri	ng Graphic Co	mmunications	S	
Numbe	r of ECTS: 9							
Teache	ers:	Milojev	ić D. Zoran, Navalu	išić V. Slob	odan, Obradović M. Rat	ko		
Course	status:	Manda	tory					
Numbe	r of active teaching c	lasses (week	(ly)					
L	ectures: Prac	ctical classes	: Other teachi	ng types:	Study resea	arch work:	Other cla	asses:
	4	2	2		0		0	
Precon	dition courses		None					
1. Educ	cational goal:							
					neering knowledge on t elop technical drawing			ntation o
2. Educ	cational outcomes (ad	cquired know	ledge):					
Unders	tanding geometrical	structure of	3D shapes and the	eir optimal 2	2D representation. Use	of computer in desig	n and develo	opment c
	al documentation on					,		
3. Cour	se content/structure:							
 Representation of space, projecting (orthogonal, cavalier and axonometric). Fundamental elements of geometry. Transformation, rotation Regular polyhedrons. Perspective co linearity and affinity, transitional developmental surfaces. Constructive processing of basic geometry surfaces and bodies used in mechanical engineering. Characteristic views. Piping problems. Fundamental notions on the engineering design process. Introduction to engineering graphic communications. Basic equipment a supplementary elements. Standards and standard numbers. Technical drawing standards. Basic elements of engineering geometry Coordinate systems. Descartes, polar, cylindrical, spherical, absolute and relative coordinates. Fundamentals in engineering graphics. Standards and standard numbers. Technical drawing standards. Basic elements of graphic representation, rotation, scaling, complex transformations. Drawing objects from multiple views. Cros sections. Drawing objects from one view. Axonometry. Cavalier projection. Perspective. Other ways of graphic representation Visualization. Visualization techniques with engineering drawings. Hidden lines and surfaces. Structure of data for engineering graphic Engineering graphics standards. Dimensioning. Tolerancing. Shape and position tolerances. Maximum material condition. Marking t quality of surface. Assembly drawing. Workshop drawing. Schematic drawing. Fundamentals in computer aided product design. 4. Teaching methods: 							geometry phics. 2E vs. Cross sentation graphics arking the	
	es, computer and gra	phic practice,	, consultations.					
	es, computer and gra	phic practice,	-	evaluation (maximum 100 points)			
	es, computer and grap Pre-examination o		-	Points	Final ex		Mandatory	Points
Lecture Exercis	Pre-examination of e attendance		Knowledge e Mandatory Yes	Points 5.00 F			Mandatory Yes	
Lecture Exercis Lecture	Pre-examination of e attendance e attendance		Knowledge e Mandatory Yes Yes	Points 5.00 F 5.00	Final ex			
Lecture Exercis Lecture Present	Pre-examination of e attendance e attendance tation		Knowledge e Mandatory Yes Yes Yes	Points 5.00 F 5.00 10.00	Final ex			
Lecture Exercis Lecture	Pre-examination of e attendance e attendance tation task		Knowledge e Mandatory Yes Yes Yes Yes	Points 5.00 F 5.00	Final ex			Points 30.00
Lecture Exercis Lecture Present Project	Pre-examination of e attendance e attendance tation task		Knowledge e Mandatory Yes Yes Yes	Points 5.00 F 5.00 10.00 15.00	Final ex			
Lecture Exercis Lecture Present Project	Pre-examination of e attendance e attendance tation task		Knowledge e Mandatory Yes Yes Yes Yes Yes	Points 5.00 F 5.00 10.00 15.00 15.00	Final ex			
Lecture Exercis Lecture Present Project Project Test Test	Pre-examination of e attendance e attendance tation task		Knowledge e Mandatory Yes Yes Yes Yes Yes Yes Yes	Points 5.00 F 5.00 10.00 15.00 15.00 10.00	Final expression of the example of t			
Lecture Exercis Lecture Project Project Test Test Ord.	Pre-examination of e attendance e attendance tation task task task	bligations	Knowledge eMandatoryYesYesYesYesYesYesYesYesYesYes	Points 5.00 F 5.00 I 10.00 I 15.00 I 10.00 I	Final ex Practical part of the exan	n - tasks Publishe	Yes	30.00 Year
Exercis Lecture Present Project Project Test Test Ord. 1,	Pre-examination of e attendance e attendance tation task task task S. Navalušić, Z. Mi	bligations	Knowledge e Mandatory Yes Yes Yes Yes Yes Yes Yes Yes	Points 5.00 F 5.00 10.00 15.00 15.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00	Final ex Practical part of the exan ture	n - tasks Publishe FTN, Novi Sad	Yes	30.0 Year 2005
Lecture Exercis Lecture Project Project Test Test Ord.	Pre-examination of e attendance e attendance tation task task task S. Navalušić, Z. Mi Ratko Obradović	bligations	Knowledge e Mandatory Yes Yes Yes Yes Yes Yes Yes Inženjerske grafičke Konstruktivna geon	Points 5.00 F 5.00 10.00 15.00 15.00 10.00 10.00 10.00 10.00 Litera Title e komunika netrija, auto	Final ex Practical part of the exan ture ture ncije, skripta prizovana predavanja -	n - tasks Publishe	Yes	30.00 Year
Exercis Lecture Present Project Project Test Test Ord. 1,	Pre-examination of e attendance e attendance tation task task task S. Navalušić, Z. Mi Ratko Obradović G. Bertoline, E, Wi others	bligations bligations	Knowledge e Mandatory Yes Yes <t< td=""><td>Points 5.00 F 5.00 10.00 15.00 15.00 10.00 10.00 10.00 10.00 Litera Title e komunika netrija, auto raphics cor Cor</td><td>Final ex Practical part of the exan ture ture ncije, skripta prizovana predavanja - mmunication, third</td><td>n - tasks Publishe FTN, Novi Sad FTN, Novi Sad McGraw-Hill</td><td>Yes</td><td>30.0 Year 2005 2002</td></t<>	Points 5.00 F 5.00 10.00 15.00 15.00 10.00 10.00 10.00 10.00 Litera Title e komunika netrija, auto raphics cor Cor	Final ex Practical part of the exan ture ture ncije, skripta prizovana predavanja - mmunication, third	n - tasks Publishe FTN, Novi Sad FTN, Novi Sad McGraw-Hill	Yes	30.0 Year 2005 2002
Exercis Lecture Project Project Test Test Ord. 1, 2,	Pre-examination of e attendance e attendance tation task task task S. Navalušić, Z. Mi Ratko Obradović G. Bertoline, E, Wi	bligations bligations	Knowledge e Mandatory Yes Yes <t< td=""><td>Points 5.00 F 5.00 10.00 15.00 15.00 10.00 10.00 10.00 10.00 Litera Title e komunika netrija, auto raphics cor Cor</td><td>Final ex Practical part of the exan ture ture ncije, skripta prizovana predavanja -</td><td>n - tasks Publishe FTN, Novi Sad FTN, Novi Sad</td><td>Yes</td><td>30.00 Year 2005 2002 2001</td></t<>	Points 5.00 F 5.00 10.00 15.00 15.00 10.00 10.00 10.00 10.00 Litera Title e komunika netrija, auto raphics cor Cor	Final ex Practical part of the exan ture ture ncije, skripta prizovana predavanja -	n - tasks Publishe FTN, Novi Sad FTN, Novi Sad	Yes	30.00 Year 2005 2002 2001
Lecture Exercis Lecture Project Test Test Ord. 1, 2, 3,	Pre-examination of e attendance e attendance tation task task task S. Navalušić, Z. Mi Ratko Obradović G. Bertoline, E, Wi others F. Giesecke, A. Mi	bligations	Knowledge e Mandatory Yes Yes Yes Yes Yes Yes Yes Inženjerske grafičke Konstruktivna geon Skripta Fundamentals of g edition Modern Graphics (Engineering Desig	Points 5.00 F 5.00 10.00 15.00 15.00 10.00 10.00 10.00 Litera Title Komunika netrija, auto Communica Communica Communica n and Grap Compute the state of th	Final ex Practical part of the exan ture ture prizovana predavanja - mmunication, third ation, second edition phics, eleventh edition	n - tasks Publishe FTN, Novi Sad FTN, Novi Sad McGraw-Hill	Yes er	30.00 Year 2005 2002
Lecture Exercis Lecture Project Project Test Ord. 1, 2, 3, 4,	Pre-examination of e attendance e attendance tation task task task S. Navalušić, Z. Mi Ratko Obradović G. Bertoline, E, Wi others F. Giesecke, A. Mi others	bligations	Knowledge e Mandatory Yes Fes Yes Yes Yes Yes Stripta Fundamentals of g edition Modern Graphics (Points 5.00 F 5.00 10.00 15.00 15.00 10.00 10.00 10.00 Litera Title Komunika netrija, auto Communica Communica Communica n and Grap Compute the state of th	Final ex Practical part of the exan ture ture prizovana predavanja - mmunication, third ation, second edition phics, eleventh edition	n - tasks Publishe FTN, Novi Sad FTN, Novi Sad McGraw-Hill Prentice Hall	Yes er	30.00 Year 2005 2002 2001



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



Production Engineering

Study Programme Accreditation

UNDERGRADUATE ACADEMIC STUDIES

Course:							_		
Course	id:	M106				Mathematics	2		
Number	of ECTS:	7							
Teacher	rs:	Тео	anov Đ.	Ljiljana, Lukid	ć J. Tibor,	Kostić Z. Marko, Adžić Z.	Nevenka		
Course	status:	Mar	datory						
Number	of active teac	hing classes (w	weekly)						
Le	ectures:	Practical class					arch work: Other classes:		sses:
	3	3						0	
Precond	lition courses		-	None		•			
1. Educa	ational goal:								
Students	s are able to th	nink in an abstra	ct wav. c	eneralize an	d acquire	mathematical knowledge	for the application in	technoloav.	
						j			
2. Educa	ational outcom	es (acquired kn	owledge):					
Students	s are able to a	pply mathemati	cal mode	ls in enginee	ring scien	ces.			
3. Cours	se content/stru	cture:							
Real fur	nctions and va	riables (bound	arv value	s. differentia	l calculus	and their application). In	definite integral, def	inite integral	and their
						der. Linear differential ec			
4. Teach	ning methods:								
Lectures partial e	s and practica examination ar	l classes are a e taken.	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	9	Publishe	er	Year
1,		Nataša Sladoje	Integra	alni račun			FTN, Novi Sad		1997
2,	Irena Čomić, Nikolić	Aleksandar	Diferencijalne jednačine FTN Novi Sad						1999
3,	Nevenka Adž	źić	Matem	natika 2			CMS, FTN, Novi Sa	ad	1999



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



Production Engineering

Study Programme Accreditation

UNDERGRADUATE ACADEMIC STUDIES

Course:			Machanica 2							
Course	id:	M107				Mechanics 2	2			
Number	r of ECTS:	5								
Teache	rs:		Cvetićanin J	I. Livija, Zukov	ić M. Mio	drag				
Course	status:		Mandatory							
Number	r of active teac	hing classe	s (weekly)							
L	ectures:	Practical	classes:	Other teachi	ng types:	Study rese	arch work:	Other cla	sses:	
	2	2		0		0		0		
Precond	dition courses	-		None						
1. Educ	ational goal:			-						
	elop abstract tl ry of motion.	hinking and	l acquire bas	sic knowledge	in the fie	ld of Kinematics as the f	undamental subject i	necessary for	studying	
2. Educ	ational outcom	nes (acquire	ed knowledge	e):						
Acquire	d knowledge n	ecessary fo	or the future	mechanical en	gineer.					
3. Cours	se content/stru	icture:								
Circulat translate parallel body me plain me plain me motion. Angle s 31. Axio	tion of body a ory movement axes. 14. Moti ovement. 18. F otion from the otion. 23. Cent 26. Spherical peed and angl	round a fix . 12. Rotation on in the op Plain motion pole select troids. 24. If motion of the accelerate pody motion	ked axis. 10 on of body au oposite 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. Conr corem on spece of acceleration Number of do y in spherical i and accelerat	d evenly of s which and parallel an ection of ed project n of body egrees-of- movemen	rements along the circle. changeable rotation of a re intersected. 13. Motion ixes. 15. Angle speed. 16 point speeds in plain mo ions of two points in plain points in plain motion. 25 -freedom. 27. D'Alamber t. 30. Speed and acceler dy points in free movemer	rigid body around of a body in the sam Intersection of angle tion. 20. Independen motion. 22. Tempo Momentary pole of Euler's theorem. 28 ation of the body poin	an axis. 11. he direction ar e speeds. 17. he of angle s rary speed por acceleration B. Euler's num hts in spherica	Complex ound two Complex peed in a ble of the in a plain ibers. 29. al motion.	
4. Teac	hing methods:									
	s and practical									
				Knowledge e	valuation	(maximum 100 points)				
	Pre-examina	tion obligat	ions	Mandatory	Points	Final e		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	
					1.22	Oral part of the exam		Yes	15.00	
						ature				
Ord.		uthor			Title	9	Publishe	er	Year	
1, 2.	Ð. Ðukić, L. (R. Maretić	veticanin	-	natika natika - Zbirka	zadataka		FTN Novi Sad FTN Novi Sad		2005 2004	
∠,	IX. Waletto		Killer		ZaudiaKa	2	T THE NUM SAU		2004	



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



Production Engineering

Study Programme Accreditation

UNDERGRADUATE ACADEMIC STUDIES

	:		Oceting Technology						
Course	id:	P110			(Casting Techno	ology		
Number	r of ECTS:	5							
Teache	ers:		Kakaš I. Dar	nir, Škorić N.	Branko				
Course	status:		Mandatory						
Number	r of active tead	hing classe	es (weekly)						
L	ectures:	Practical	classes:	Other teachi	ng types:	Study resea	arch work:	Other cla	asses:
	2	C)	2 0 0					
Precondition courses				None					
1. Educ	ational goal:								
Course objective is to introduce students with the basics of foundry technology.									
2. Educ	cational outcom	nes (acquire	ed knowledge	e):					
					ledge to se	elect adequate casting	technology based c	on requested	quantity,
3. Cour	application, mechanical properties and tolerances. 3. Course content/structure:								
		lotare.							
Introdu centrifu materia	ction to found	lry technolo chnologies. d wall thick	Influence of ness on cast	sand reclama part quality.	tion and sa	cessary equipment for s and quality on the cast pa gray iron, steel and due	art characteristics. In	fluence of pa	rt design,
Introdu centrifu materia selecte	ction to found gal casting teo al selection and d materials. L	Iry technolo chnologies. d wall thick atest trend	Influence of ness on cast	sand reclama part quality.	tion and sa	and quality on the cast pa	art characteristics. In	fluence of pa	rt design,
Introduc centrifu materia selected 4. Teac Forms of lectures	ction to found gal casting teo al selection and d materials. L ching methods: of teaching act	Iry technolo chnologies. d wall thick .atest trend tivities are l ter is prese	Influence of ness on cast is in foundry lectures, labo	sand reclama part quality. technology.	tion and sa Casting of cal classes	and quality on the cast pa	art characteristics. In tile iron castings - b g necessary teaching	fluence of pa basic characte g resources d	eristics of
Introduc centrifu materia selected 4. Teac Forms of lectures	ction to found gal casting teo al selection and d materials. L shing methods: of teaching act s, subject mather	Iry technolo chnologies. d wall thick .atest trend tivities are l ter is prese	Influence of ness on cast is in foundry lectures, labo	sand reclama part quality. technology. pratory practionents by stimul	tion and sa Casting of cal classes ating their	and quality on the cast pa gray iron, steel and duc and consultations. Usin	art characteristics. In tile iron castings - b g necessary teaching	fluence of pa basic characte g resources d	eristics of
Introducentrifu materia selected 4. Teac Forms of lectures which th	ction to found igal casting tec al selection and d materials. L thing methods: of teaching act s, subject math hey are assign Pre-examina	Iry technol chnologies. d wall thick .atest trend tivities are I ter is prese hed.	Influence of ness on cash is in foundry lectures, labo inted to stude	sand reclama part quality. technology. pratory practionents by stimul	tion and sa Casting of cal classes ating their evaluation (Points	and quality on the cast part gray iron, steel and duc and consultations. Using active participation as th	art characteristics. In tile iron castings - b g necessary teaching ney are required to e	fluence of pa basic characte g resources d	eristics of
Introducentrifu materia selecter 4. Teac Forms of lectures which the Laborat	ction to found gal casting teo al selection and d materials. L thing methods: of teaching act s, subject matt hey are assign Pre-examina tory exercise a	Iry technol chnologies. d wall thick .atest trend tivities are I ter is prese hed.	Influence of ness on cash is in foundry lectures, labo inted to stude	sand reclama part quality. technology. aratory practic ents by stimul Knowledge e Mandatory Yes	tion and sa Casting of cal classes ating their evaluation (Points 5.00 (and quality on the cast part gray iron, steel and duc and consultations. Usin active participation as the (maximum 100 points)	art characteristics. In tile iron castings - b g necessary teaching ney are required to e	fluence of pa pasic characte g resources d explain the co	rt design, eristics of during the ontents of
Introdu centrifu materia selecte 4. Teac Forms o lectures which the Laborat Lecture	ction to found gal casting teo al selection and d materials. L ching methods: of teaching act s, subject matt hey are assign Pre-examina tory exercise a e attendance	Iry technol chnologies. d wall thick .atest trend tivities are I ter is prese hed.	Influence of ness on cash is in foundry lectures, labo inted to stude	sand reclama part quality. technology. ratory practic ents by stimul Knowledge e Mandatory Yes Yes	tion and sa Casting of cal classes ating their evaluation (Points 5.00 (5.00	and quality on the cast part gray iron, steel and duc and consultations. Usin active participation as th (maximum 100 points) Final ex	art characteristics. In tile iron castings - b g necessary teaching ney are required to e	fluence of pa basic characte g resources d explain the co Mandatory	eristics of during the ontents of Points
Introducentrifu materia selected 4. Teac Forms of lectures which the Laborat Lecture Project	ction to found gal casting tec al selection and d materials. L ching methods: of teaching act s, subject math hey are assign Pre-examina tory exercise a e attendance task	Iry technol chnologies. d wall thick .atest trend tivities are I ter is prese hed.	Influence of ness on cash is in foundry lectures, labo inted to stude	sand reclama part quality. technology. ratory practic ents by stimul Knowledge e Mandatory Yes Yes Yes	tion and sa Casting of cal classes ating their evaluation (Points 5.00 (5.00 30.00	and quality on the cast part gray iron, steel and duc and consultations. Usin active participation as th (maximum 100 points) Final ex	art characteristics. In tile iron castings - b g necessary teaching ney are required to e	fluence of pa basic characte g resources d explain the co Mandatory	eristics of during the ontents of Points
Introdu centrifu materia selecte 4. Teac Forms o lectures which the Laborat Lecture	ction to found gal casting tec al selection and d materials. L ching methods: of teaching act s, subject math hey are assign Pre-examina tory exercise a e attendance task	Iry technol chnologies. d wall thick .atest trend tivities are I ter is prese hed.	Influence of ness on cash is in foundry lectures, labo inted to stude	sand reclama part quality. technology. ratory practic ents by stimul Knowledge e Mandatory Yes Yes	tion and sa Casting of cal classes ating their evaluation (Points 5.00 (5.00 30.00 20.00	and quality on the cast part gray iron, steel and duc and consultations. Using active participation as the (maximum 100 points) Final ex Oral part of the exam	art characteristics. In tile iron castings - b g necessary teaching ney are required to e	fluence of pa basic characte g resources d explain the co Mandatory	eristics of during the ontents of Points
Introdu centrifu materia selecte 4. Teac Forms o lectures which th Laborat Lecture Project Term pa	ction to found gal casting tec al selection and d materials. L ching methods: of teaching act s, subject matt hey are assign Pre-examina tory exercise a e attendance task aper	Iry technologies. d wall thick atest trend tivities are l ter is prese ned. ation obligat ttendance	Influence of ness on cash is in foundry lectures, labo inted to stude	sand reclama part quality. technology. ratory practic ents by stimul Knowledge e Mandatory Yes Yes Yes	tion and sa Casting of cal classes ating their evaluation (Points 5.00 (5.00 30.00 20.00 Litera	and quality on the cast part gray iron, steel and duc and consultations. Using active participation as the (maximum 100 points) Final ex Oral part of the exam	art characteristics. In tile iron castings - b g necessary teaching ney are required to e	fluence of pa basic character g resources d explain the co Mandatory Yes	rt design, eristics of during the ontents of Points 40.00
Introducentrifu materia selected 4. Teac Forms of lectures which the Laborat Lecture Project	ction to found gal casting tec al selection and d materials. L ching methods: of teaching act s, subject matt hey are assign Pre-examina tory exercise a e attendance task aper	Iry technol chnologies. d wall thick .atest trend tivities are I ter is prese hed.	Influence of ness on cash is in foundry lectures, labo inted to stude tions	sand reclama part quality. technology. ratory practic ents by stimul Knowledge e Mandatory Yes Yes Yes	tion and sa Casting of cal classes ating their evaluation (Points 5.00 30.00 20.00 Litera Title	and quality on the cast part gray iron, steel and duc and consultations. Using active participation as the (maximum 100 points) Final ex Oral part of the exam	art characteristics. In tile iron castings - b g necessary teaching hey are required to a cam Publishe Fakultet tehničkih n	g resources d explain the co Mandatory Yes	eristics of during the ontents of Points
Introducentrifu materia selecter 4. Teac Forms of lectures which the Laborat Lecture Project Term pa	ction to found gal casting teo al selection and d materials. L ching methods: of teaching act s, subject math hey are assign Pre-examina tory exercise a e attendance task aper A	Iry technologies. d wall thick atest trend tivities are I ter is prese ned. ation obligat ttendance	Influence of ness on cash is in foundry lectures, labo inted to stude tions	sand reclama part quality. technology. aratory practic ents by stimul Knowledge e Mandatory Yes Yes Yes Yes Yes	tion and sa Casting of cal classes ating their evaluation (Points 5.00 30.00 20.00 Litera Title	and quality on the cast part gray iron, steel and duc and consultations. Using active participation as the (maximum 100 points) Final ex Oral part of the exam	art characteristics. In tile iron castings - b g necessary teaching hey are required to a cam	g resources d explain the co Mandatory Yes	eristics of during the pontents of Points 40.00 Year



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UNIVERSITY OF NOVI SAD

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



Production Engineering

Study Programme Accreditation

UNDERGRADUATE ACADEMIC STUDIES

	:		···· - · ·							
Course	id:	P206				Welding Techno	ology			
Numbe	r of ECTS:	5								
Teache	er:		Baloš S. Se	ebastian						
Course	status:		Mandatory							
Numbe	r of active tead	hing classe	s (weekly)							
L	ectures:	Practical	classes:	Other teachi	ng types:	Study resea	arch work:	Other cla	asses:	
	2	0		2		0		0		
Precon	dition courses	-		None						
1. Educ	cational goal:									
The aim	n is to obtain b	asic knowle	dge in the fi	ield of welding	technolog	ies.				
2. Educ	cational outcom	nes (acquire	ed knowledg	je):						
Acquire	ed knowledge i	s used as th	ne basis for	further education	on.					
3. Cour	se content/stru	ucture:								
				0.		of welding arc, electrical naterials, ecology of weld	0.0	g, inert/activ	e gas arc	
4. Teac	ching methods:	0.		ing related technologies, welding materials, ecology of welding.						
Teachir	0		ectures and laboratory practice. During lectures, the theoretical part of the teaching content is presented ic examples for better understanding. During laboratory practice, the obtained knowledge is practically							
and sup	pplemented by	characteris	stic example	es for better un	derstandi		ctice, the obtained kr			
and sup	pplemented by	characteris	stic example	es for better un nt. Apart from I	derstandii ectures ai	ng During laboratory pra	ctice, the obtained kr			
and sup	pplemented by	characteris	stic example ry equipme	es for better un nt. Apart from I	derstandii ectures ai	ng. During laboratory pra nd practice, consultations	ctice, the obtained kr are held regularly.			
and sup	pplemented by on the availat	characteris	stic example ry equipme	es for better un nt. Apart from I Knowledge e	derstandin ectures an evaluation Points	ng. During laboratory pra nd practice, consultations (maximum 100 points)	ctice, the obtained kr are held regularly.	nowledge is p	practically	
and sup applied	pplemented by on the availat Pre-examina tation	characteris	stic example ry equipme	es for better un nt. Apart from I Knowledge e Mandatory	derstandin ectures an evaluation Points	ng. During laboratory pra nd practice, consultations (maximum 100 points) Final ex	ctice, the obtained kr are held regularly.	Mandatory	Points	
and sup applied Present	pplemented by on the availat Pre-examina tation	characteris	stic example ry equipme	es for better un nt. Apart from I Knowledge e Mandatory Yes	derstandin ectures an evaluation Points 10.00 20.00	ng. During laboratory pra nd practice, consultations (maximum 100 points) Final ex	ctice, the obtained kr are held regularly.	Mandatory	Points	
and sup applied Present	Pre-examina tation	characteris	stic example ry equipme	es for better un nt. Apart from I Knowledge e Mandatory Yes	derstandin ectures an evaluation Points 10.00 20.00	ng. During laboratory pra nd practice, consultations (maximum 100 points) Final ez Coloquium exam ature	ctice, the obtained kr are held regularly. kam Publishe	Mandatory Yes	Points	
and sup applied Present Term pa	Pre-examina tation	e characteris	stic example ry equipme ions	es for better un nt. Apart from I Knowledge e Mandatory Yes	derstandii ectures an evaluation Points 10.00 20.00 Liter	ng. During laboratory pra nd practice, consultations (maximum 100 points) Final ez Coloquium exam ature	ctice, the obtained kr are held regularly. kam	Mandatory Yes	Points 70.00	
and sup applied Present Term pa Ord.	polemented by on the availat Pre-examina tation aper	ation obligat	stic example ry equipment ions	es for better un nt. Apart from I Knowledge e Mandatory Yes Yes	derstandii ectures an valuation Points 10.00 20.00 Liter Title	ng. During laboratory pra nd practice, consultations (maximum 100 points) Final e: Coloquium exam ature	ctice, the obtained kr are held regularly. kam Publishe Fakultet tehničkih n	Mandatory Yes er auka - Novi	Points 70.00 Year	
and sup applied Present Term pa Ord. 1,	Pre-examina tation aper Palić, V.	ation obligat	stic example ry equipmen ions Zava Tehr	es for better un nt. Apart from I Knowledge e Mandatory Yes Yes arivanje	derstandii ectures al valuation Points 10.00 20.00 Liter Title vanja - skri	ng. During laboratory pra nd practice, consultations (maximum 100 points) Final ex Coloquium exam ature	ctice, the obtained kr are held regularly. kam Publishe Fakultet tehničkih n Sad Fakultet tehničkih n	Mandatory Yes er auka - Novi auka - Novi	Points 70.00 Year 1987	
and sup applied Present Term pa Ord. 1, 2, 3, 4,	Pre-examina tation aper Palić, V. Palić, V.; Sal Blagojević, A Jovanić, D.;	ation obligat Author bo, B.	ions Zava Zava	es for better un nt. Apart from I Knowledge e Mandatory Yes Yes arivanje nologija zavariv	derstandii ectures al valuation Points 10.00 20.00 Liter Title ranja - skri	ng. During laboratory pra nd practice, consultations (maximum 100 points) Final ex Coloquium exam ature	ctice, the obtained kr are held regularly. kam Publishe Fakultet tehničkih n Sad Fakultet tehničkih n Sad Mašinski fakultet M	Mandatory Yes er auka - Novi auka - Novi ostar i anja Luka	Points 70.00 Year 1987 2003 1991 2004	
and sup applied Present Term pa Ord. 1, 2, 3,	Pre-examina tation aper Palić, V. Palić, V.; Sal Blagojević, A	ation obligat Author bo, B.	stic example ry equipment ions Zava Zava Zava Zava	es for better un nt. Apart from I Knowledge e Mandatory Yes Yes arivanje nologija zavariv arivanje, lemljer arivanje - prakti arivanje	derstandii ectures al valuation Points 10.00 20.00 Liter Title ranja - skri nje, lijeplje kum labor	ng. During laboratory pra nd practice, consultations (maximum 100 points) Final ex Coloquium exam ature explanation pta enje ratorijskih vežbi	ctice, the obtained kr are held regularly. kam Publishe Fakultet tehničkih n Sad Fakultet tehničkih n Sad Mašinski fakultet M Mašinski fakultet Ba	Mandatory Yes er auka - Novi auka - Novi ostar i anja Luka Zrenjanin	Points 70.00 Year 1987 2003 1991	
and sug applied Present Term pa Ord. 1, 2, 3, 4,	Pre-examina tation aper Palić, V. Palić, V.; Sal Blagojević, A Jovanić, D.;	Author bo, B. Alic, R.	ions Zava Zava Zava Zava Zava Zava	es for better un nt. Apart from I Knowledge e Mandatory Yes Yes arivanje nologija zavariv arivanje, lemljer arivanje - prakti	derstandii ectures al valuation Points 10.00 20.00 Liter Title ranja - skri nje, lijeplje kum labor	ng. During laboratory pra nd practice, consultations (maximum 100 points) Final ex Coloquium exam ature explanation pta enje ratorijskih vežbi	ctice, the obtained kr are held regularly. kam Publishe Fakultet tehničkih n Sad Fakultet tehničkih n Sad Mašinski fakultet M Mašinski fakultet Ba Viša tehnička škola	Mandatory Yes auka - Novi auka - Novi ostar i anja Luka Zrenjanin 'o	Points 70.00 Year 1987 2003 1991 2004	



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



Study Programme Accreditation

UNDERGRADUATE ACADEMIC STUDIES

Production Engineering

Course:	:				Machanical Elementa				
Course	id:	M202			Ν	Aechanical Elen	nents		
Number	r of ECTS:	9							
Teache	er:		Kuzmanovi	ć B. Siniša					
Course	status:	Ī	Mandatory						
Number	r of active teac	hing classe	s (weekly)						
L	ectures:	Practical	classes:	Other teachi	ng types:	Study resea	arch work:	Other cla	sses:
	4	4		0		0		0	
Precon	dition courses	•	•	None		•			
1. Educ	ational goal:								
To enat	ble students fo	r independe	ent designin	g of mechanica	al elements	s and systems.			
2. Educ	cational outcom	nes (acquire	ed knowledg	le):					
Acquire	ed knowledge is	s used in fu	rther educat	tion related to p	professiona	al courses.			
3. Cour	se content/stru	icture:							
and cale transmi heads. 4. Teac	culated stresse itters. Friction Roller bearing ching methods:	es. Safety o pairs. Gear js. Sliding b	of mechanic pairs. Wor bearings. C	al elements. So m pairs. Chair ouplings. Sprir	crew relation pairs. Sh ngs.	namic persistence of mecons. Group screw relation afts, spindles and pins.	ns. Thread transmitte	ers. Rivets. Me	echanical
				Knowledge e	evaluation	(maximum 100 points)			
	Pre-examina	ation obligat	ions	Mandatory	Points	Final ex	kam	Mandatory	Points
Exercis	e attendance			Yes	5.00	Theoretical part of the ex	am	Yes	30.00
Graphic				Yes	20.00				
	attendance			Yes	5.00				
Test				Yes	10.00				
Test				Yes	10.00				
	Test Yes 10.00								
Test	Test Yes 10.00								
Ord.		uthor	MAŠ	SINSKI ELEME	Title NTI-obliko	vanje, proračun i	Publish	ei	Year
1,	S. Kuzmanov		prim	ena				FTN Novi Sad 20	
2,	V. Miltenović		MAŠINSKI ELEMENTI MF Niš						
3,	M. Ognjanov			SINSKI ELEME			MF Beograd		2012 2009 2008



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Production Engineering

Study Programme Accreditation

UNDERGRADUATE ACADEMIC STUDIES

Course	:								
Course	id:	M204				Strength of Mate	erials		
Number	r of ECTS:	9							
Teache	rs:		Glavardan	ov B. Valentin, I	Maretić B.	Ratko			
Course	status:		Mandatory						
Number	r of active teac	hing classe	es (weekly)						
L	ectures:	Practical	classes:	Other teachi	ng types:	Study resea	arch work:	Other cla	sses:
	4	4	Ļ	0		0		0	
Precon	dition courses		-	None			•		
1. Educ	ational goal:								
				deformations o tructural eleme		n structural elements, as	well as to solve stat	ically determi	nate and
2. Educ	ational outcom	nes (acquire	ed knowledg	ge):					
they ca	2. Educational outcomes (acquired knowledge): The acquired knowledge enables students to recognize and analyse stress conditions and deformations for elastic bodies on whose basis they can perform the dimensioning of elements. Students are capable to individually solve problems in the field of strength of materials, both in the field of advanced courses at the faculty and in the engineering practice.								
3. Cours	se content/stru	icture:							
pole: st stresse	atically determ s. Bending de	inate and formations	statically ind : elastic lind	determinate. To e. Method of de	orsion of o eformation	ller 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	g: normal
4. Teac	hing methods:								
charact terms, o second	eristic example consultations a module (bend	es. In prac are held ev ing) and th	tice, additio very week. (ird module (nal tasks are content	ompleted is divided mation wo	cal part of the course co to broaden the lecture co d into three modules: firs rk) which are all passed a	ontent. Regularly, in t module (axially loa	previously de ded pole, tors	termined sion) and
				Knowledge e	evaluation	(maximum 100 points)			
	Pre-examina	tion obliga	tions	Mandatory	Points	Final ex	kam	Mandatory	Points
Exercis	e attendance			Yes		Oral part of the exam		Yes	50.00
Homew	****			Yes	5.00				
Homew	-			Yes	5.00				
Homew				Yes	5.00				
	attendance			Yes	2.00				
Test				Yes	10.00				
Test Test			Yes 10.00 Yes 10.00						
1031				Yes		ature			
Ord.		uthor			Title		Publishe	or I	Year
0id. 1,	J. Mandić		Oto	ornost materijal			Naučna knjiga, Beo		1992
1, 2,	T. Atanackov	vić		rija elastičnosti	a		FTN, Novi Sad	yıau	1992
4,	1.7.1010000		100				1 11, 1001 000		



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Production Engineering

Study Programme Accreditation

UNDERGRADUATE ACADEMIC STUDIES

Course	:													
Course	id:	P207				Metal formin	g							
Numbe	r of ECTS:	5												
Teache	ers:		Plančak E. M	1iroslav, Viloti	ć Ž. Dragi	ša								
Course	status:		Mandatory											
Numbe	r of active tead	hing classe	es (weekly)											
L	ectures:	Practical	classes:	asses: Other teaching types: Study research work: Other cla										
	2	()	2		0		1						
Precon	dition courses		•	None		•	•							
1. Educ	cational goal:													
Masteri	ing the basic ki	nowledge r	elated to the t	heoretical fou	ndations of	of metal forming and mast	ering fundamental te	chnological n	nethods.					
		0						•						
2. Educ	cational outcom	nes (acquir	ed knowledge):										
	t will be prepar orming (cutting					1. Bulk metal forming (up	setting, extrusion and	forging) and	2. Sheet					
3. Cour	rse content/stru	icture:												
strain ra forming	ate, yield crite	rion, flow c ching, ben	urve, process ding, deep di	parameters, awing); Bulk	load, pre	of metal forming process ssure, work of plastic de rming (upsetting, forging	formation, friction, lu	brication; Sh	eet metal					
	ching methods:		<u> </u>											
	0		nutor Dractic	. Laboratory	Dractica	Consultations								
Lecture	es; Auditory Pra	actice, Con		e, Laboratory	Practice,	Consultations								
				Knowledge	evaluation	(maximum 100 points)			ſ					
	Pre-examina	ation obliga	tions	Mandatory	Points	Final ex	kam	Mandatory	Points					
	ex exercises			Yes		Coloquium exam		No	20.00					
	tory exercise a	ttendance		Yes		Coloquium exam		No	20.00					
Lecture attendance Yes 5.00 Theoretical part of the exam Yes 30.00 Practical part of the exam - tasks Yes 40.00														
					Litor	•	1 - 10313	105	40.00					
Ord.		wthor					Dublich	or I						
		aunoi					Fakultet tehničkih n							
1	I Plancak M		Sad Sad						Year					
1,		Vilotić, D.		0, 1	•	hisanja bi iz tehnologije	Sad Fakultet tehničkih n							



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Production Engineering

Study Programme Accreditation

UNDERGRADUATE ACADEMIC STUDIES

Course:	:									
Course	id:	P210				Surface Engine	ering			
Number	r of ECTS:	6								
Teache	rs:		Kakaš I. Dai	mir, Škorić N.	Branko					
Course	status:		Elective							
Number	r of active teac	hing classe	s (weekly)							
L	ectures:	Practical	classes:	5						
	3	0		2 0 1						
Precond	dition courses		-	None						
1. Educ	ational goal:									
Expand	ing knowledge	in one of n	nechanical el	lements and s	urface enç	gineering.				
2. Educ	ational outcom	ies (acquire	d knowledge	e):						
Ability to	o solve probler	ns from one	e of the mech	nanical eleme	nts and su	rface engineering.				
3. Cours	se content/stru	cture:								
mechan	nics, mathemat	tical rod the	ory, non line	ear oscillations	s, non smo	ules is chosen: analytical ooth mechanics and optil and if needed biomechan	nization, collision the			
4. Teac	hing methods:									
Lecture	s. Mentor work	ζ.								
				Knowledge	evaluation	(maximum 100 points)				
	Pre-examina	ition obligat	ions	Mandatory	Points	Final ex	kam	Mandatory	Points	
Homew	-			Yes		Oral part of the exam		Yes	30.00	
Homew				Yes	25.00					
	ory exercise at	ttendance		Yes	5.00					
	attendance			Yes	5.00					
Term pa	apei			Yes 10.00						
Ord.	Λ	uthor			Title	ature	Publish	or	Year	
0ra. 1,	A Kakaš, D., Zl		Ploze	na depozicija			Naučna knjiga, Beo	÷.	1994	
2.	Holmberg, K.	,		ngs Tribology		ισνιαιλά	Elsevier	Jyrau	1994	
3,	Bunshah F. F		Hand	book of Hard	Coatings -		NOYES PUBLICAT Ridge, New Jersey		2001	
4,	T.M. Nenado Pavlović	vić, T.M.		a i tehnika tan		••••	Institut za nuklearn "Vinča", Beograd		1997	



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Study Programme Accreditation

UNDERGRADUATE ACADEMIC STUDIES

Production Engineering

Course	:								
Course	id:	P211	Device	es and F	Plasma	a Procedures in	Mechanical	Enginee	ring
Numbe	r of ECTS:	6							
Teache	ers:	Kak	aš I. Dami	r, Škorić N.∣	Branko				
Course	status:	Elec	tive						
Numbe	r of active teac	hing classes (w	eekly)						
L	_ectures:	Practical class	ses: (Other teachi	ng types:	Study resea	arch work:	Other cla	sses:
	3	0		2		0		1	
Precon	dition courses		•	None		•			
1. Educ	cational goal:								
	U	n the field of de	vices and i	plasm proce	dures in r	nechanical engineering.			
2. Educ	cational outcom	nes (acquired kn	owledge):						
		in the laboratory nents. Studying				f measuring results proce	ssing. Mastering the	operation prir	nciples of
3. Cour	rse content/stru	icture:							
layers.	Prodesses of	 Course content/structure: Surface engineering as the leading technology in 21 century. Fundamentals in plasm technology. Most important types of surfaces ar layers. Prodesses of jone implantations. Thermo and difusion plasm processes. 							
4. Teac	ching methods:	I. Teaching methods:							aces and
Lecture	Lectures. Laboratory Practice. Consultations							types of surfa	aces and
	es. Laboratory I	Practice. Consu		no and difus				types of surf	aces and
	es. Laboratory I	Practice. Consu	tations		ion plasm	processes.	ogy. Most important	types of surf	aces and
			tations	Knowledge e	ion plasm	processes. (maximum 100 points)			
Homew	Pre-examina	Practice. Consu	tations		ion plasm evaluation Points	processes.		Mandatory Yes	Points 30.00
	Pre-examina vork		tations	Knowledge e Mandatory	ion plasm evaluation Points	(maximum 100 points) Final ex		Mandatory	Points
Homew Homew	Pre-examina vork	ition obligations	tations	Knowledge e Mandatory Yes	valuation Points 25.00	(maximum 100 points) Final ex		Mandatory	Points
Homew Homew Laborat	Pre-examina vork vork	ition obligations	tations	Knowledge e Mandatory Yes Yes	evaluation Points 25.00 25.00	(maximum 100 points) Final ex		Mandatory	Points
Homew Homew Laborat	Pre-examina vork vork tory exercise a e attendance	ition obligations	tations	Knowledge e Mandatory Yes Yes Yes	evaluation Points 25.00 25.00 5.00	(maximum 100 points) Final ex		Mandatory	Points
Homew Homew Laborat Lecture	Pre-examina vork vork tory exercise a e attendance	ition obligations	tations	Knowledge e Mandatory Yes Yes Yes Yes	evaluation Points 25.00 25.00 5.00 5.00 10.00	(maximum 100 points) Final ex		Mandatory	Points
Homew Homew Laborat Lecture	Pre-examina vork vork tory exercise a e attendance aper	ition obligations	tations	Knowledge e Mandatory Yes Yes Yes Yes	evaluation Points 25.00 25.00 5.00 5.00 10.00	processes. (maximum 100 points) Final ex Oral part of the exam		Mandatory Yes	Points
Homew Homew Laborat Lecture Term pa	Pre-examina vork vork tory exercise a e attendance aper	tion obligations ttendance	itations	Knowledge e Mandatory Yes Yes Yes Yes Yes	evaluation Points 25.00 25.00 5.00 5.00 10.00 Liter Title Coatings -	processes. (maximum 100 points) Final ex Oral part of the exam ature - Deposition	am Publish	Mandatory Yes er FIONS, Park	Points 30.00
Homew Homew Laborat Lecture Term pa Ord.	Pre-examina vork vork tory exercise a e attendance aper A	ttendance tuthor Rointan	Itations	Knowledge e Mandatory Yes Yes Yes Yes Yes ook of Hard 0 ologies, Prop	evaluation Points 25.00 25.00 5.00 5.00 10.00 Liter Title Coatings	(maximum 100 points) Final ex Oral part of the exam	am	Mandatory Yes er FIONS, Park	Points 30.00 Year



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



Study Programme Accreditation

UNDERGRADUATE ACADEMIC STUDIES

Production Engineering

Table 5.2 Cou	Irse specification
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Course	:										
Course	id:	M203L		Fundamentals in Thermodynamics							
Number	r of ECTS:	5									
Teacher: Dra			Dragutinović	Dragutinović D. Gordan							
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:		
	2	2		0		0		0			
Precon	dition courses	-		None			-				
1. Educ	ational goal:										
Introduc	cing thermodyr	namic struct	ure, thermod	ynamic conce	epts and m	ethods for solving proble	ms of energy convers	sion.			
2. Educ	ational outcom	nes (acquire	d knowledge):							
	ng basic know es and plants.	ledge in sol	ving technica	al tasks of the	ermal powe	er engineering, thermal p	process engineering a	and designing	g thermal		
3. Cour	se content/stru	icture:									
(1) The	rmodynamic	system M	echanical a	nd thermody	namic av	ioms: conversion of ma	ass of impulse firs	t and secon	nd law of		
thérmoo	dynamics. (2) I	Equations o	f state: Therr	nal and calori	c equation	is of state for substances	(ideal gases, real ga	ses – water a	and water		
). (3) Processe -clockwise var				r processe	es and thermodynamic ef	fficiency of these proc	cesses (clock	wise and		
	hing methods:	0	3 processes)								
	0										
assignn		practice. P					laurel of standards have				
			ractice class	es follow the	lectures a	nd include the advanced	level of students` inc	dependence i	in solving		
	Pre-examination obligations						level of students` inc	dependence i	in solving		
Exercise attendance						nd include the advanced (maximum 100 points) Final ex		dependence i Mandatory	in solving Points		
Exercis		ation obligati		Knowledge e	evaluation Points	(maximum 100 points)	kam				
		ation obligati		Knowledge e Mandatory	Points 5.00 5.00	(maximum 100 points) Final ex	kam	Mandatory	Points		
	e attendance	ation obligati		Knowledge e Mandatory Yes	evaluation Points 5.00	(maximum 100 points) Final ex	kam	Mandatory	Points		
Lecture	e attendance	ation obligati		Knowledge e Mandatory Yes Yes	Points 5.00 5.00	(maximum 100 points) Final ex Written part of the exam	kam	Mandatory	Points		
Lecture	e attendance attendance	ation obligat	ions	Knowledge e Mandatory Yes Yes Yes	Points 5.00 5.00 20.00 Litera Title	(maximum 100 points) Final ex Written part of the exam	am - tasks and theory Publishe	Mandatory Yes	Points		
Lecture Test	e attendance attendance M. Marić	uthor	ions Nauka sagor	Knowledge e Mandatory Yes Yes Yes	Points 5.00 5.00 20.00 Litera Title	(maximum 100 points) Final ex Written part of the exam	kam - tasks and theory	Mandatory Yes	Points 70.00		
Lecture Test Ord.	e attendance attendance	uthor	ions Nauka sagor	Knowledge e Mandatory Yes Yes Yes	Points 5.00 5.00 20.00 Litera Title	(maximum 100 points) Final ex Written part of the exam	am - tasks and theory Publishe Univerzitet u Novon	Mandatory Yes er n Sadu, auka	Points 70.00 Year		
Lecture Test Ord. 1,	e attendance attendance A M. Marić Đ. Kozić, B. V	uthor Vasiljević, V	ions Nauka sagor	Knowledge e Mandatory Yes Yes Yes a o toploti - te evanje nik za termoo	Points 5.00 5.00 20.00 Litera Title rmodinami	(maximum 100 points) Final ex Written part of the exam ature	kam - tasks and theory Publishe Univerzitet u Novon Fakultet tehničkih n	Mandatory Yes er n Sadu, auka , Beograd	Points 70.00 Year 2006		
Lecture Test Ord. 1, 2,	e attendance attendance A M. Marić Đ. Kozić, B. 1 Bekavac	vasiljević, V H.N. Shapin , M.A. Boles	ions Nauka sagor '- Priruč ro Funda s Thern	Knowledge e Mandatory Yes Yes Yes a o toploti - te evanje nik za termod	Points 5.00 5.00 20.00 Litera Title rmodinami	(maximum 100 points) Final ex Written part of the exam ature ika, prenos toplote, prostiranje toplote	kam - tasks and theory Publishe Univerzitet u Novon Fakultet tehničkih n Građevinska knjiga,	Mandatory Yes er n Sadu, auka , Beograd	Points 70.00 Year 2006 1983		



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Study Programme Accreditation

UNDERGRADUATE ACADEMIC STUDIES

Production Engineering

	:	_							
Course	id:	P209			Mea	asurements and	Quality		
Numbe	r of ECTS:	6							
Teache	ers:	Н	adžistević .	J. Miodrag, H	odolič J. Ja	anko, Vukelić B. Đorđe, E	Budak M. Igor		
Course	status:	Ν	andatory						
Numbe	r of active tead	hing classes	(weekly)						
L	ectures:	Practical cl	asses:	Other teachi	ng types:	Study resea	arch work:	Other cla	isses:
3 0				2 0				1	
Precon	dition courses			None					
1. Educ	cational goal:								
	ng knowledge rement results					neory, practical impleme	ntation of measurem	nent, processi	ng of the
2. Educ	cational outcon	nes (acquired	knowledge):					
	ng experience rement instrun					of measurement results ds.	processing. Masterir	ng the principl	es of the
3. Cour	se content/stru	ucture:		-					
surface control Quality Method 4. Teac Lecture present	e. Sensory mea gear. Numeri assurance, q ds and technic ching methods: es are realized ted with charace vererd. Acquire	asurement te cally controlle uality manag ues of qualit l interactively cteristic exam	chniques. In ed measurin ement. The y improvem through le	nterference n ng machines concept of nent. Basics	neasureme Flexible total quali of Six Sign ory, labora		ment and control loc uring metrology. Bas tatistical methods o	ops. Measurer sic concepts o	ment and of quality.
	s and practical	d knowledge classes, con	is practical	ly applied in ire held regul	laboratory arly.	atory and computer pract bject content. In auditory practical classes using a	practical classes, ch	aracteristical e	exercises
	s and practical		is practical	ly applied in ire held regul	laboratory arly.	bject content. In auditory	practical classes, ch	aracteristical e	exercises
lectures	Pre-examina		is practical sultations a	ly applied in ire held regul	laboratory arly. evaluation Points	bject content. In auditory practical classes using a (maximum 100 points) Final ex	practical classes, ch avalilable laboratory	aracteristical e equipment. A Mandatory	exercises part from Points
Exercise	Pre-examinate attendance	classes, con	is practical sultations a	ly applied in ire held regul Knowledge of Mandatory Yes	laboratory arly. evaluation Points 5.00	bject content. In auditory practical classes using a (maximum 100 points) Final ex Written part of the exam	practical classes, ch avalilable laboratory	aracteristical e equipment. A Mandatory Yes	Points 30.00
Exercise Lecture	Pre-examina e attendance attendance	classes, con	is practical sultations a	ly applied in re held regul Knowledge e Mandatory Yes Yes	laboratory arly. evaluation Points 5.00 5.00	bject content. In auditory practical classes using a (maximum 100 points) Final ex	practical classes, ch avalilable laboratory	aracteristical e equipment. A Mandatory	exercises part from Points
Exercise Lecture Term pa	Pre-examina e attendance attendance	classes, con	is practical sultations a	ly applied in re held regul Knowledge e Mandatory Yes Yes Yes	laboratory arly. valuation Points 5.00 5.00 20.00	bject content. In auditory practical classes using a (maximum 100 points) Final ex Written part of the exam	practical classes, ch avalilable laboratory	aracteristical e equipment. A Mandatory Yes	Points 30.00
Exercise Lecture Term pa Test	Pre-examina e attendance attendance	classes, con	is practical sultations a	ly applied in re held regul Knowledge e Mandatory Yes Yes Yes Yes	laboratory arly. Points 5.00 5.00 20.00 10.00	bject content. In auditory practical classes using a (maximum 100 points) Final ex Written part of the exam	practical classes, ch avalilable laboratory	aracteristical e equipment. A Mandatory Yes	Points 30.00
Exercise Lecture Term pa	Pre-examina e attendance attendance	classes, con	is practical sultations a	ly applied in re held regul Knowledge e Mandatory Yes Yes Yes	laboratory arly. valuation Points 5.00 5.00 20.00	bject content. In auditory practical classes using a (maximum 100 points) Final ex Written part of the exam Oral part of the exam	practical classes, ch avalilable laboratory	aracteristical e equipment. A Mandatory Yes	Points 30.00
Exercise Lecture Term pa Test	Pre-examina e attendance attendance aper	classes, con	is practical sultations a	ly applied in re held regul Knowledge e Mandatory Yes Yes Yes Yes	laboratory arly. Points 5.00 5.00 20.00 10.00 10.00	bject content. In auditory practical classes using a (maximum 100 points) Final ex Written part of the exam Oral part of the exam	practical classes, ch avalilable laboratory	aracteristical é equipment. A Mandatory Yes Yes	Points 30.00
Exercise Lecture Term pa Test Test	Pre-examina e attendance attendance aper A Stević, M.; V	Author ukelić, Đ.;	is practical sultations a	ly applied in re held regul Knowledge e Mandatory Yes Yes Yes Yes Yes je/modeliranj	laboratory arly. evaluation Points 5.00 5.00 20.00 10.00 10.00 Litera Title	bject content. In auditory practical classes using a (maximum 100 points) Final ex Written part of the exam Oral part of the exam	practical classes, ch avalilable laboratory cam - tasks and theory Publish Fakultet tehničkih r	aracteristical e equipment. A Mandatory Yes Yes er	Points 30.00 20.00
Exercise Exercise Lecture Term pa Test Test Ord.	Pre-examina e attendance attendance aper Stević, M.; V Budak, I.; Ma Hodolič, J.; S L.; Antić, A. i	Author ukelić, Đ.; Stević, M.; Be	is practical sultations a ns Merer proizv Šić, Merna	ly applied in re held regul Knowledge e Mandatory Yes Yes Yes Yes Yes je/modeliranj oda	laboratory arly. evaluation Points 5.00 5.00 20.00 10.00 10.00 Litera Title e geometr	bject content. In auditory practical classes using a (maximum 100 points) Final ex Written part of the exam Oral part of the exam	practical classes, ch avalilable laboratory cam - tasks and theory Publish	aracteristical e equipment. A Mandatory Yes Yes er nauka, Novi	Points 30.00 20.00 Year
Exercise Lecture Term pa Test Ord. 1,	Pre-examina e attendance attendance aper Stević, M.; V Budak, I.; Ma Hodolič, J.; S L.; Antić, A. i	Author ukelić, Đ.; atin, I. i dr. Stević, M.; Be dr. Hadžistević, M	is practical sultations a ns Merer proizv	ly applied in re held regul Knowledge e Mandatory Yes Yes Yes Yes Yes je/modeliranj oda	laboratory arly. evaluation Points 5.00 5.00 20.00 10.00 10.00 Litera Title e geometr u industrij	bject content. In auditory practical classes using a (maximum 100 points) Final exam Oral part of the exam Oral part of the exam ature	practical classes, ch avalilable laboratory cam - tasks and theory Publishe Fakultet tehničkih r Sad Fakultet tehničkih r	aracteristical e equipment. A Mandatory Yes Yes er nauka, Novi nauka, Novi	Points 30.00 20.00 Year 2009



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

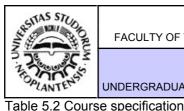


Study Programme Accreditation

UNDERGRADUATE ACADEMIC STUDIES

Production Engineering

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Course	id:	P208		Т	echno	ology for Cutting	Processing			
Numbe	r of ECTS:	6								
Teachers:			Gostimirović P. Marin, Kovač P. Pavel, Sekulić Lj. Milenko							
Course	status:	1	Mandatory							
Numbe	r of active teac	hing classes	s (weekly)							
L	ectures:	Practical of	classes:	Other teachi	ng types:	Study rese	arch work:	Other cla	isses:	
	3	0		3		C)	0		
Precon	dition courses	-		None		•				
1. Educ	cational goal:			-						
Acquirii	ng basic knowl	edge in the f	field of cutt	ing technologie	s which is	used in product design a	and optimal cutting pa	rameters sele	ection.	
2. Educ	cational outcom	nes (acquired	d knowledg	le):						
				rs of machines al cutting para		r devices to accurately d	esign products and to	echnologists t	to desigi	
3 Cour	se content/stru	icture:								
		aotaro.								
	ance and annli		tting techn	ologies in conte	mnorary r	production Description of	machining systems	General cutti	na theor	
Signific		ication of cut				production. Description of s and cutting temperatur				
Signific (proces materia	ss of chip form als, productivity	ication of cut ation, type o y, quality an	of chip, de d accuracy	positions on to / of machining)	ols, forces). Applicat	s and cutting temperatur tion of cutting theory on	e, cooling fluid, tool turning, milling, drillir	wear, machin ng, grinding. I	nability o Basics o	
Signific (proces materia cutting	ss of chip form als, productivity	ication of cul lation, type o y, quality an assical and	of chip, de d accuracy	positions on to / of machining)	ols, forces). Applicat	s and cutting temperatur	e, cooling fluid, tool turning, milling, drillir	wear, machin ng, grinding. I	nability o Basics o	
Signific (proces materia cutting manufa	ss of chip form als, productivity machines (cla	ication of cut lation, type o y, quality an assical and l ept.	of chip, de d accuracy	positions on to / of machining)	ols, forces). Applicat	s and cutting temperatur tion of cutting theory on	e, cooling fluid, tool turning, milling, drillir	wear, machin ng, grinding. I	nability o Basics o	
Signific (proces materia cutting manufa 4. Teac	es of chip form als, productivity machines (cla acturing conce ching methods:	ication of cut lation, type o y, quality an assical and l pt.	of chip, de d accuracy NC machi	positions on to y of machining) ne tools for inc	ols, forces). Applicat lividual, s	s and cutting temperatur tion of cutting theory on	e, cooling fluid, tool turning, milling, drillir	wear, machin ng, grinding. I	nability o Basics o	
Signific (proces materia cutting manufa 4. Teac	es of chip form als, productivity machines (cla acturing conce ching methods:	ication of cut lation, type o y, quality an assical and l pt.	of chip, de d accuracy NC machi	positions on to y of machining ne tools for inc ndividual consu	ols, forces). Applicat lividual, s ltations.	s and cutting temperatur tion of cutting theory on erial and mass producti	e, cooling fluid, tool turning, milling, drillir	wear, machin ng, grinding. I	nability o Basics o	
Signific (proces materia cutting manufa 4. Teac	es of chip form als, productivity machines (cla acturing conce ching methods: es. Auditory and	ication of cut lation, type of y, quality an assical and aspt. d computing	of chip, de d accuracy NC machin practice. In	positions on to y of machining ne tools for inc ndividual consu	ols, forces). Applicat lividual, s Itations.	s and cutting temperatur tion of cutting theory on erial and mass producti (maximum 100 points)	e, cooling fluid, tool turning, milling, drillir on). Flexible manufa	wear, machir ng, grinding. I acturing syste	nability o Basics o ems. CIN	
Signific (proces materia cutting manufa 4. Teac Lecture	ss of chip form als, productivity machines (cla acturing conce ching methods: es. Auditory and Pre-examina	ication of cut lation, type of y, quality an assical and apt. d computing	of chip, de d accuracy NC machin practice. In	positions on to y of machining ne tools for inc ndividual consu Knowledge e Mandatory	ols, forces). Applicat lividual, s Itations. evaluation Points	s and cutting temperatur tion of cutting theory on erial and mass producti (maximum 100 points) Final e	e, cooling fluid, tool turning, milling, drillir on). Flexible manufa	wear, machir ng, grinding. I acturing syste Mandatory	Points	
Signific (proces materia cutting manufa 4. Teac Lecture Homew	ss of chip form als, productivity machines (cla acturing conce ching methods: es. Auditory and Pre-examina vork	ication of cut aation, type of y, quality an assical and pt. d computing ation obligation	of chip, de d accuracy NC machin practice. In	positions on to y of machining ne tools for inc ndividual consu Knowledge e Mandatory Yes	ols, forces). Applicat lividual, s ltations. evaluation Points 10.00	s and cutting temperatur tion of cutting theory on erial and mass producti (maximum 100 points) Final e Oral part of the exam	re, cooling fluid, tool turning, milling, drillir on). Flexible manufa	wear, machir ng, grinding. I acturing syste Mandatory Yes	Points 30.00	
Signific (proces materia cutting manufa 4. Teac Lecture Homew Labora	ss of chip form als, productivity machines (cla acturing conce ching methods: es. Auditory and Pre-examina	ication of cut aation, type of y, quality an assical and pt. d computing ation obligation	of chip, de d accuracy NC machin practice. In	positions on to y of machining ne tools for inc ndividual consu Knowledge e Mandatory	ols, forces). Applicat lividual, s ltations. evaluation Points 10.00	s and cutting temperatur tion of cutting theory on erial and mass producti (maximum 100 points) Final e	re, cooling fluid, tool turning, milling, drillir on). Flexible manufa	wear, machir ng, grinding. I acturing syste Mandatory	Points 30.00	
Signific (proces materia cutting manufa 4. Teac Lecture Homew Labora	ss of chip form als, productivity machines (cla acturing conce ching methods: es. Auditory and Pre-examina vork tory exercise a	ication of cut aation, type of y, quality an assical and pt. d computing ation obligation	of chip, de d accuracy NC machin practice. In	positions on to y of machining ne tools for inc mdividual consu Knowledge e Mandatory Yes Yes	ols, forces). Applicat lividual, s ltations. evaluation Points 10.00 5.00	s and cutting temperatur tion of cutting theory on erial and mass producti (maximum 100 points) Final e Oral part of the exam	re, cooling fluid, tool turning, milling, drillir on). Flexible manufa	wear, machir ng, grinding. I acturing syste Mandatory Yes	ability c Basics c ms. CIN Points 30.0	
Signific (process materia cutting manufa 4. Teac Lecture Homew Labora Lecture	ss of chip form als, productivity machines (cla acturing conce ching methods: es. Auditory and Pre-examina vork tory exercise a	ication of cut aation, type of y, quality an assical and pt. d computing ation obligation	of chip, de d accuracy NC machin practice. In	positions on to y of machining ne tools for inc ndividual consu Knowledge e Mandatory Yes Yes Yes	ols, forces). Applicat lividual, s ltations. evaluation Points 10.00 5.00 5.00 20.00	s and cutting temperatur tion of cutting theory on erial and mass producti (maximum 100 points) Final e Oral part of the exam	re, cooling fluid, tool turning, milling, drillir on). Flexible manufa	wear, machir ng, grinding. I acturing syste Mandatory Yes	ability c Basics c ms. CIN Points 30.0	
Signific (process materia cutting manufa 4. Teac Lecture Homew Laboral Lecture	ss of chip form als, productivity machines (cla acturing conce ching methods: es. Auditory and Pre-examina vork tory exercise a e attendance	ication of cut aation, type of y, quality an assical and pt. d computing ation obligation	of chip, de d accuracy NC machin practice. In	positions on to y of machining ne tools for inc ndividual consu Knowledge e Mandatory Yes Yes Yes	ols, forces). Applicat lividual, s ltations. evaluation Points 10.00 5.00 5.00 20.00	s and cutting temperatur tion of cutting theory on erial and mass production (maximum 100 points) Final en Oral part of the exam Practical part of the exar ature	re, cooling fluid, tool turning, milling, drillir on). Flexible manufa	wear, machin ng, grinding. I acturing syste Mandatory Yes Yes	Points 30.00	
Signific (process materia cutting manufa 4. Teac Lecture Homew Laborat Lecture Test	ss of chip form als, productivity machines (cla acturing conce ching methods: es. Auditory and Pre-examina vork tory exercise a a attendance Milikić D., Go Sekulić M.	ication of cut aation, type of y, quality an assical and opt. d computing ation obligation ttendance	practice. In	positions on to y of machining ne tools for inc ndividual consu Knowledge e Mandatory Yes Yes Yes	ols, forces). Applicat lividual, s ltations. evaluation Points 10.00 5.00 5.00 20.00 Liter Title	s and cutting temperatur tion of cutting theory on erial and mass producti (maximum 100 points) Final e Oral part of the exam Practical part of the exar ature	re, cooling fluid, tool turning, milling, drillir on). Flexible manufa xam n - tasks	wear, machin ng, grinding. I acturing syste Mandatory Yes Yes er	Points 30.00	
Signific (proces materia cutting manufa 4. Teac Lecture Homew Labora Lecture Test Ord.	ss of chip form als, productivity machines (cla acturing conce ching methods: es. Auditory and Pre-examina vork tory exercise a e attendance	ication of cut lation, type of y, quality an assical and la opt. d computing ation obligation ttendance	practice. II practice II ons I, Osn	positions on to y of machining ne tools for inc Mandatory Yes Yes Yes Yes Yes ove tehnologije	ols, forces). Applicat lividual, s ltations. evaluation Points 10.00 5.00 5.00 20.00 Liter Title	s and cutting temperatur tion of cutting theory on erial and mass producti (maximum 100 points) Final e Oral part of the exam Practical part of the exar ature	re, cooling fluid, tool turning, milling, drillir on). Flexible manufa xam n - tasks Publishe Fakultet tehničkih n	wear, machin ng, grinding. I acturing syste Mandatory Yes Yes Yes er auka, Novi	Points 30.00 Year	



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



Study Programme Accreditation

UNDERGRADUATE ACADEMIC STUDIES

Production Engineering

Course: Machines for Processing by Deforming Course id: P303 Number of ECTS: 5 Teachers: Plančak E. Miroslav, Vilotić Ž. Dragiša Course status: Mandatory Number of active teaching classes (weekly) Other teaching types: Study research work: Lectures: Practical classes: Other classes: 3 0 2 0 0 Precondition courses None 1. Educational goal: The goal of this course is to introduce technical - technological characteristics of metal forming machine tools, their structure and principles of work, as well as introduction of basic types of metal forming tools. 2. Educational outcomes (acquired knowledge): Student will be prepared to select adequate machine for specific part and metal forming technique. 3. Course content/structure: Processing system in metal forming, the role of machines and tools. Classification of machines in metal forming. Performance of a machine in metal forming. The methodology of choice for a given technology. Mechanical presses, types, properties, applications in sheet metal forming and bulk metal forming, technical and technological characteristics. Hydraulic presses, types, features, application, technical and technological characteristics. Hammers, types, features, application, technical and technological characteristics. Slots for metal forming, structure and application. 4. Teaching methods: Oral presentation in lectures accompanied with appropriate images, diagrams and schemes projected aided by PC computers. Auditory practical classes and laboratory practical classes in testing tables for IC engines testing with appropriate laboratory equipment. Knowledge evaluation (maximum 100 points) Mandatory Points Points Pre-examination obligations Final exam Mandatory Exercise attendance 5.00 Final exam - part one 20.00 Yes No 20.00 Final exam - part two Graphic paper Yes No 30.00 Graphic paper 20.00 Written part of the exam - tasks and theory 50.00 Yes Yes Lecture attendance 5.00 Yes Literature Title Ord. Author Publisher Year Predrag Popović i Dragan 1, Mašine za obradu deformisanjem Mašinski fakultet, Niš 1991 Temeljkovski 2 Plančak, M. Vilotić D FTN, Novi Sad Alati za tehnogije plastičnog deformisanja metala 2011 Guinter Spur i Theodor 3, Umformen band 2/1 i band 2/2 Calr Hanser 1983 Stoeferle 4, Heinrich Makelt Die Mechanischen pressen Carl Hanser 1961 5, Gerhard Oehler Die hydraulischen presse Carl Hanser 1962 6, Vilotić D., Plančak M. FTN, Novi Sad 2010 Mašine za obradu deformisanjem - Krivajne prese



UNIVERSITY OF NOVI SAD

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Study Programme Accreditation

UNDERGRADUATE ACADEMIC STUDIES

Production Engineering

Course	:								
Course	id:	EJ01L			Englis	h Language – E	Elementary		
Numbe	r of ECTS:	2							
Teache	ers:		Bogdanovid F. Jelisavel		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 clas	sses:
	2	C)	0		0		0	
Precon	dition courses	•	•	None					
1. Educ	cational goal:								
	ing English lan sics of English				glish soun	ids, adoption of vocabula	ry related to everyday	y situations, n	nastering
2. Educ	cational outcon	nes (acquire	ed knowledg	e):					
Student	ts are canable	of using bo	th oral and y			·			
Juden	to allo capablo	or doing bo		written English	language	in simple everyday situati	ons.		
	rse content/stru			written English	language	in simple everyday situati	ons.		
3. Cour Use of (be, do forms.	se content/stru articles, nouns , have), moda Interrogative a	ucture: (plural), ac verbs. Cou	ljectives (typ nstruction ar e forms. Vo	bes, possessive	e adjective es (Preser ed to daily	s, comparison), pronouns it Simple, Present Contin topics: introductions, fan	(personal and posse uous, Present Perfe	ct, Past Simpl	le, future
3. Cour Use of a (be, do forms. naming	se content/stru articles, nouns , have), moda Interrogative a	ucture: (plural), ac verbs. Cor and negative ng daily obje	ljectives (typ nstruction ar e forms. Vo	bes, possessive nd use of tense cabulary relate	e adjective es (Preser ed to daily	s, comparison), pronouns it Simple, Present Contin topics: introductions, fan	(personal and posse uous, Present Perfe	ct, Past Simpl	le, future
3. Cour Use of a (be, do forms. naming 4. Teac Commu	rse content/stru articles, nouns , have), moda Interrogative a g and describir ching methods: unicative metho	ucture: (plural), ac verbs. Cor ind negative ing daily objection od is used s	ljectives (typ nstruction ar e forms. Vo ects, descril since the obj	bes, possessive ad use of tense cabulary relate bing people an ectives and col	adjective es (Preser d to daily d places,	s, comparison), pronouns It Simple, Present Contin topics: introductions, fan etc.	; (personal and posse uous, Present Perfec nily, leisure time, bus ication, which is very	ct, Past Simpl siness, food a	le, future and drink,
3. Cour Use of a (be, do forms. naming 4. Teac Commu	rse content/stru articles, nouns , have), moda Interrogative a g and describir ching methods: unicative metho	ucture: (plural), ac verbs. Cor ind negative ing daily objection od is used s	ljectives (typ nstruction ar e forms. Vo ects, descril since the obj	es, possessive ad use of tense cabulary relate bing people an ectives and co and among the	e adjective es (Preser d to daily d places, ntent are c emselves,	s, comparison), pronouns It Simple, Present Contin topics: introductions, fan etc. directed towards commun and on equal developme	; (personal and posse uous, Present Perfec nily, leisure time, bus ication, which is very	ct, Past Simpl siness, food a	le, future and drink,
3. Cour Use of a (be, do forms. naming 4. Teac Commu	se content/stru articles, nouns , have), moda Interrogative a g and describir ching methods: unicative metho lents` commun	ucture: (plural), ac verbs. Cor and negativ ng daily obj daily obj od is used s ication with	ljectives (typ nstruction ar e forms. Vo ects, descrif since the obj the teacher	ectives and con and among the Knowledge e	e adjective es (Preser ed to daily d places, ntent are c emselves, evaluation	s, comparison), pronouns t Simple, Present Contin topics: introductions, fan etc. directed towards commun and on equal developme (maximum 100 points)	(personal and posse uous, Present Perfec nily, leisure time, bus ication, which is very nt of all language skil	ct, Past Simpl siness, food a complex. Em lls.	ile, future and drink, aphasis is
3. Cour Use of a (be, do forms. naming 4. Teac Commu	rse content/stru articles, nouns , have), moda Interrogative a g and describir ching methods: unicative metho	ucture: (plural), ac verbs. Cor and negativ ng daily obj daily obj od is used s ication with	ljectives (typ nstruction ar e forms. Vo ects, descrif since the obj the teacher	es, possessive ad use of tense cabulary relate bing people an ectives and con and among the Knowledge e Mandatory	e adjective es (Preser ed to daily d places, ntent are o emselves, evaluation Points	s, comparison), pronouns t Simple, Present Contin topics: introductions, fan etc. directed towards commun and on equal developme (maximum 100 points) Final ex	(personal and posse uous, Present Perfec nily, leisure time, bus ication, which is very nt of all language skil	ct, Past Simpl siness, food a	nphasis is Points
3. Cour Use of a (be, do forms. I naming 4. Teac Commu on stud	se content/stru articles, nouns , have), moda Interrogative a g and describir ching methods: unicative metho lents` commun	ucture: (plural), ac verbs. Cor and negativ ng daily obj daily obj od is used s ication with	ljectives (typ nstruction ar e forms. Vo ects, descrif since the obj the teacher	ectives and con and among the Knowledge e	e adjective es (Preser ed to daily d places, ntent are o emselves, evaluation Points	s, comparison), pronouns t Simple, Present Contin topics: introductions, fan etc. directed towards commun and on equal developme (maximum 100 points)	(personal and posse uous, Present Perfec nily, leisure time, bus ication, which is very nt of all language skil	ct, Past Simpl siness, food a complex. Em lls. Mandatory	ile, future and drink, aphasis is
3. Cour Use of (be, do forms. I naming 4. Teac Commu on stud	se content/stru articles, nouns , have), moda Interrogative a g and describir ching methods: unicative metho lents` commun	ucture: (plural), ac verbs. Cor and negativ ng daily obj daily obj od is used s ication with	ljectives (typ nstruction ar e forms. Vo ects, descrif since the obj the teacher	ees, possessive ad use of tense cabulary relate bing people an ectives and cor and among the Knowledge e Mandatory Yes	e adjective es (Preser d to daily d places, ntent are c emselves, evaluation Points 10.00	s, comparison), pronouns t Simple, Present Contin topics: introductions, fan etc. directed towards commun and on equal developme (maximum 100 points) Final ex	(personal and posse uous, Present Perfec nily, leisure time, bus ication, which is very nt of all language skil	ct, Past Simpl siness, food a complex. Em lls. Mandatory	nphasis is Points
3. Cour Use of (be, do forms. I naming 4. Teac Commu on stud	se content/stru articles, nouns , have), moda Interrogative a g and describir ching methods: unicative metho lents` commun	ucture: (plural), ac verbs. Cor and negativ ng daily obj daily obj od is used s ication with	ljectives (typ nstruction ar e forms. Vo ects, descrif since the obj the teacher	ectives and con- and among the Knowledge e Mandatory Yes Yes	e adjective es (Preser d to daily d places, ntent are c emselves, evaluation Points 10.00 10.00	s, comparison), pronouns t Simple, Present Contin topics: introductions, fan etc. directed towards commun and on equal developme (maximum 100 points) Final exam	(personal and posse uous, Present Perfec nily, leisure time, bus ication, which is very nt of all language skil	ct, Past Simpl siness, food a complex. Em lls. Mandatory	nphasis is Points
3. Cour Use of (be, do forms. I naming 4. Teac Commu on stud	rse content/stru articles, nouns , have), moda Interrogative <i>a</i> g and describir ching methods: unicative metho lents` commun Pre-examina	ucture: (plural), ac verbs. Cor and negativ ng daily obj daily obj od is used s ication with	ljectives (typ nstruction ar e forms. Vo ects, descrif since the obj the teacher	ectives and con- and among the Knowledge e Mandatory Yes Yes	e adjective es (Preser ed to daily d places, ntent are o emselves, evaluation Points 10.00 10.00	s, comparison), pronouns t Simple, Present Contin topics: introductions, fan etc. directed towards commun and on equal developme (maximum 100 points) Final ex Written part of the exam ature	(personal and posse uous, Present Perfec nily, leisure time, bus ication, which is very nt of all language skil	ct, Past Simpl siness, food a complex. Em lls. Mandatory Yes	nphasis is Points
3. Cour Use of a (be, do forms. I naming 4. Teac Commu on stud Test Test Test	se content/stru articles, nouns , have), moda Interrogative a g and describir ching methods: unicative metholents` commun Pre-examina Pre-examina	ucture: (plural), ac verbs. Cound negative ag daily objection od is used s ication with ation obligation Author Soars	ljectives (typ nstruction ar e forms. Vo ects, descrif since the obj the teacher tions	ectives and con- and among the Knowledge e Mandatory Yes Yes	e adjective es (Preser d to daily d places, ntent are o emselves, evaluation Points 10.00 10.00 10.00 Litera Title	s, comparison), pronouns t Simple, Present Contin topics: introductions, fan etc. directed towards commun and on equal developme (maximum 100 points) Final ex Written part of the exam ature	e (personal and posse uous, Present Perfec nily, leisure time, bus ication, which is very nt of all language skil aam - tasks and theory	ct, Past Simplesiness, food a complex. Em lls.	phasis is Points 70.00
3. Cour Use of a (be, do forms. I naming 4. Teac Commu on stud Test Test Test Test Test	se content/stru articles, nouns , have), moda Interrogative a g and describir ching methods: unicative metholents` commun Pre-examina	ucture: (plural), ac verbs. Cound negative ag daily objection od is used s ication with ation obligation Author Soars	ljectives (typ nstruction ar e forms. Vo ects, descrif since the obj the teacher tions	ees, possessive ad use of tense cabulary relate bing people an ectives and coo and among the Knowledge e Mandatory Yes Yes Yes Yes	e adjective es (Preser ed to daily d places, ntent are c emselves, evaluation Points 10.00 10.00 10.00 Litera Title mentary	s, comparison), pronouns t Simple, Present Contin topics: introductions, fan etc. directed towards commun and on equal developme (maximum 100 points) Final exam Written part of the exam ature	i (personal and posse uous, Present Perfer nily, leisure time, bus ication, which is very nt of all language ski am - tasks and theory Publishe	ct, Past Simple siness, food a complex. Em lls. Mandatory Yes er ress	Points 70.00 Year



UNIVERSITY OF NOVI SAD

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



Study Programme Accreditation

UNDERGRADUATE ACADEMIC STUDIES

Production Engineering

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Course	id:	M109		Elec	tric Ma	achines and Pov	wer Electroni	CS	
Numbe	r of ECTS:	7	1						
Teache	er:		Oros V. Đu	ra					
Course	status:		Elective						
Numbe	r of active teac	hing classe	es (weekly)						
L	ectures:	Practical	classes:	Other teachi	ng types:	Study resea	arch work:	Other cla	sses:
	3	()	2		0		1	
Precon	dition courses	•	· · ·	None		•	•		
1. Educ	cational goal:			<u>.</u>					
To prov	vide the future o	engineers v	with the nece	essarv level of l	knowledge	e in the area of electric ma	achines and power el	ectronics	
					liomouge				
2. Educ	cational outcom	nes (acquire	ed knowledg	le):					
Reading	ess for indeper	ndent scien	tific and res	earch work in th	ne area of	synthesis of drive mecha	nism of power machi	nes.	
3. Cour	se content/stru	ucture:							
					quasi-stat	tic and dynamic models,			
mechar separat mechar	nism elements te and combin nical, hydro-dy	. Modelling ied excitati namic, hyd	g the electric on. Modellin ro-static and	c motor: asyncling the systems	the equa nronous c of electri	ation of motion and dete age and slip ring motor, ical motor feeding. Mode he control and regulation	rmining section load synchronous motor, Iling the power trans	I in the chain DC motor will afer in a drive	of drive th series system
mechar separat mechar operatio	nism elements te and combin	. Modelling ed excitati namic, hyd al software.	g the electric on. Modellin ro-static and	c motor: asyncling the systems	the equa nronous c of electri	ation of motion and dete age and slip ring motor, cal motor feeding. Mode	rmining section load synchronous motor, Iling the power trans	I in the chain DC motor will afer in a drive	of drive th series system
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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

Production Engineering

	:			-, ··	. –				
Course	e id:	M112		Electri	cal En	igineering and E	lectric Mach	ines	
Numbe	er of ECTS:	7							
Teache	ers:		Đurić M. Nik	kola, Juhas T.	Anamarija	, Oros V. Đura, Prša A. N	1iroslav		
Course	status:		Elective						
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		0		0		1	
Precon	dition courses			None		•			
1. Educ	cational goal:								
	uire basic kno oplication in tra				al engine	ering, electromechanical	energy conversion,	electric mach	ines and
2. Educ	cational outcom	nes (acquire	ed knowledge	e):					
electric	machines. Th	ney will be	able to unde	erstand the wo	rking pro	ectric properties of mater cess and calculations rel			
practica	al application I	n traffic an	d in means	of transportati	on.				
3. Cour Fundar	rse content/stru mental notions	icture: on electric	energy. Dire	ct currents. All	ernating of	currents. Principles of soli			
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FACULTY OF TECHNICAL SCIENCES 21000 NOVI SAD, TRG DOSITEJA OBRADOVIĆA 6

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Production Engineering

Study Programme Accreditation

Table	5.2	Course	specification
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Course:			-					
Course id:	NJ02L		Ge	rman	Language – Pre	e-Intermediate	e	
Number of ECTS:	2							
Teachers:	B	erić B. And	Irijana, Jović E	D. Miomira	1			
Course status:	E	ective						
Number of active tea	ching classes	weekly)						
Lectures:	Practical cla	sses:	Other teachi	ng types:	Study resea	arch work:	Other cla	sses:
2	0		0		0		0	
Precondition courses	3				-			
1. Educational goal:								
	more complex	sentence	structures, in	ntroductio	vocabulary related to va n to culture, customs and ation competence.			
2. Educational outco	mes (acquired	knowledge	e):					
Students are capabl more complex gram		oral and w	vritten langua	ge in a nu	mber of everyday situation	ons by using the expa	anding vocab	ulary and
3. Course content/st	ructure:							
Theoretical part of th	ie course: impe relative pronoi	rfect, part ins with re	of passive stream	uctures, c s, asking	ten situations, developing tertain infinitive structures questions in indirect spe in time sentences.	, subject and object	clauses, conju	unctive 2
4. Teaching methods				,				
U U		lying stude	ents` activity o	luring the	classes. During the comn	nunication, mutual int	eraction is es	sential.
			Knowledge e	evaluation	(maximum 100 points)			
Pre-examir	nation obligation	IS	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		r	
	Author	.		Title	9	Publishe	er	Year
1, H. Aufderst Müller, H. M	raße, H. Bock, lüller	J. Them	en aktuell 2			Hueber Verlag		2004



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



Study Programme Accreditation

UNDERGRADUATE ACADEMIC STUDIES

Production Engineering

Table 5.2 Course specification Course: English Language – ESP Course Course id: EJM Number of ECTS: 3 Bogdanović Ž. Vesna, Gak M. Dragana, Katić M. Marina, Ličen S. Branislava, Mirović Đ. Ivana, Šafranj Teachers: F. Jelisaveta Course status: Flective Number of active teaching classes (weekly) Practical classes: Lectures: Other teaching types: Study research work: Other classes: 2 0 0 0 0 Precondition courses None 1. Educational goal: Mastering the most important terminology related to profession. Developing strategies for understanding texts in a foreign language. Enabling students for reading and understanding the original English texts from various sources related to the specific aspects of graphic engineering and design. Developing oral and written communication related to these topics, using adequate vocabulary and more complex sentence structures 2. Educational outcomes (acquired knowledge): Mastering the most important terminology related to profession. Developing communication strategies for understanding the professional text. Enabling students to read and understand original English texts from diverse sources related to certain aspects of science and technology. Developing oral and written communication using adequate vocabulary and complex sentence structures. Students can read diverse literature in this area and they can discuss professional topics in and English language using terminology and sentence structure characteristic for their future profession. 3. Course content/structure: Processing contemporary professional texts in the English language related to diverse aspects in their field of studying. Developing strategies for understanding a professional text. Mastering fundamental and most used terms related to profession. Adopting language functions, such as: comparison, classification, expressing purpose or function, describing components, causal relations, etc. Most common prefixes, suffixes, compounds and collocations. Passives, participles. Reduced relative clauses (active and passive), reduced time clauses (active and passive). 4. Teaching methods: Communicative approach is used since goals and content are communication-related, which is very complex. This method equally develops written and oral skills. Students relate the information from the texts to their own experience and knowledge obtained from other courses. New vocabulary is adopted and practiced using oral and written exercises. Knowledge on certain grammar topics is repeated and expanded. Students are encouraged to communicate in English as much as possible during the organized class segments or in groups Knowledge evaluation (maximum 100 points) Mandatory Points Mandatory Pre-examination obligations Final exam Test 10.00 Written part of the exam - tasks and theory Yes Yes Test 10.00 Oral part of the exam Yes Yes Test 10.00 Yes Literature Title Ord Publisher Author Oxford English for Electrical and Mechanical Eric H.Glendinning, Norman 1, **Oxford University Press** Engineering Glendinning Jeremy Comfort, Steve Hick 2, **Basic Technical English Oxford University Press** Allan Savage R. Popić 3. Naučno tehnički rečnik Privredni pregled

Points

40.00

30.00

Year

1996

1996

1989



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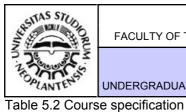


Study Programme Accreditation

UNDERGRADUATE ACADEMIC STUDIES

Production Engineering

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Course	id:	M201				Mechanics 3	3		
Numbe	r of ECTS:	7							
Teache	ers:		Cvetićanin .	J. Livija, Kovač	tić N. Ivan	a, Zuković M. Miodrag			
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:
	3	:	3	0		0		0	
Precon	dition courses	•	•	None		•			
1. Educ	ational goal:								
	ping abstract ir ndamental field					amical processes, as wel e.	l as acquiring basic k	knowledge in c	dynamics
2. Educ	ational outcom	nes (acquir	ed knowledg	e):					
Acquire	ed knowledge is	s used by s	tudents in fu	rther educatior	n, as well a	as in their own practice af	ter graduating.		
3. Cour	se content/stru	ucture:							
			field of grav	ity force. Relat	ive point r	f balanced point position motion. Point motion on s	mooth, rotational and	d immovable s	urface in
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FACULTY OF TECHNICAL SCIENCES 21000 NOVI SAD, TRG DOSITEJA OBRADOVIĆA 6



Study Programme Accreditation

UNDERGRADUATE ACADEMIC STUDIES

Production Engineering

Course:	:			-					
Course	id:	P301		Au	tomatio	on in Production	n Engineering	g	
Number	r of ECTS:	5							
Teache	ers:		Antić T. Aco	o, Tabaković N	. Slobodan,	, Zeljković V. Milan			
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	asses:
	3	0		2		0		0	
Precond	dition courses			None					
1. Educ	ational goal:								
						automation systems ar oming of subjects.	nd procedures of des	sign, with spee	cial focu
2. Educ	ational outcom	nes (acquire	d knowledg	e):					
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control I control system. 4. Teac Classes theoreti example and exe finished Comput Exercise Graphic Graphic Laborat	by the stop, cc subsystems. 	ttendance	ns, with the of structure interactive material is il and konsu uccess of th ions	active measure active measure as and machine llustrated with i management lltacije.Ocena o ne Colloquium Knowledge o Mandatory Yes Yes Yes Yes Yes Yes Yes Yes	ement). Fun es with num ratory and c examples. and operati exam is bas and the ora evaluation (r Points 2.00 y 1.00 C 20.00 20.00 20.00 2.00 5.00 Literat Title	ture	I control machines an Fundamentals of an evell as through con- ercises apply the kno- olled machine tools. f lectures and exerce cam - tasks and theory Publishe	nd systems. N utomatic prog nsultation. In owledge gain In addition to ises, and suc Mandatory Yes Yes Yes	Iectures red at the lecture ccessfull 20.0 30.0
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control I control system. 4. Teac Classes theoreti example and exe finished Comput Exercise Graphic Graphic Laborat Lecture Ord. 1, 2, 3,	by the stop, cc subsystems. thing methods: s are held in t ical characteri e of machines ercises are held d tasks (two ta Pre-examinater e attendance c paper tory exercise at attendance paper tory exercise a attendance A Gatalo, R., Z Borojev, Lj. Rekecki, J., 0	che form of stic of the r with differe Id regularly isks), the su ation obligat tendance ttendance ttendance Gatalo, R.	interactive material is il ent levels of and konsu uccess of the ions , Auto pripr Osno NU t Alatr upra	active measure active measure as and machine llustrated with i management lltacije.Ocena o ne Colloquium Knowledge e Mandatory Yes Yes Yes Yes Yes Yes Yes Yes Yes ovi automatizacija u pr emi ovi automatizacija u pr emi ovi automatizacija u pr	ement). Fun es with num ratory and c examples. and operati exam is bas and the ora evaluation (r Points 2.00 y 1.00 C 20.00 20.00 20.00 2.00 5.00 Literat Title oizvodnom cije mašina ogije umeričkim i	ture ture ture ture ture ture ture ture	e well as through conserved a star Fundamentals of au Fakultet tehničkih n Sad Fakultet tehničkih n Sad Fakultet tehničkih n Sad	nd systems. N utomatic prog nsultation. In owledge gain In addition to ises, and suc Mandatory Yes Yes Yes er nauka, Novi nauka, Novi nauka, Novi	Iectures ramming Points 20.00 30.00 Year 2007 1974



UNIVERSITY OF NOVI SAD

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



Study Programme Accreditation

UNDERGRADUATE ACADEMIC STUDIES

Production Engineering

Course	:								
Course	id:	P302			Too	s for Cutting Pr	ocessing		
Numbe	r of ECTS:	6							
Teache	er:		Sovilj N. Bog	dan					
Course	status:		Mandatory						
Numbe	r of active tead	hing classe	es (weekly)						
L	ectures:	Practical	classes:	Other teachi	ng types:	Study resea	arch work:	Other cla	sses:
	3	()	3		0		0	
Precon	dition courses			None					
1. Educ	ational goal:								
Acquisi	tion of basic kr	nowledge ir	the field of d	esign and cor	nstruction,	selection and operation of	of cutting tools.		
2. Educ	cational outcom	nes (acquire	ed knowledge):					
Knowle cutting		through this	s subject enal	oles independ	lent desig	n, construction, selection	, operation and main	tenance of al	l types of
3. Cour	se content/stru	icture:							
Classif process	ication of tool sing, swipe, tre	s for macl atment and	nining. Desig I gear teeth g	n, constructi inding. Fund	ion, selectamentals	. Materials for machining tion and operation of to of tribological processes o omated design tools for n	ools for turning, hole on tools for machining	e processing	, milling,
4. Teac	hing methods:								
accomp informa	panied by cha	racteristic nunication	examples for	easier under	rstanding	exercises. Lectures pre of the material. Comput knowledge of the study	er exercises are car	ried out by th	ne use of
				Knowledge e	evaluation	(maximum 100 points)			
	Pre-examina	ation obliga	tions	Mandatory	Points	Final ex	kam	Mandatory	Points
	e attendance			Yes		Written part of the exam	- tasks and theory	Yes	20.00
Graphic				Yes		Oral part of the exam		Yes	30.00
Graphic	e attendance			Yes	20.00 5.00				
11 ecturo				Yes	0.00				
Lecture					Liter	ature			
Lecture Ord.	A	Nuthor		•	Liter	ature	Publishe	r	Year
	A Sovilj, B.	Nuthor	Profilr	i noževi			Forum, FTN, Jugos	ovensko	Year 1995
Ord.	1	author		i noževi a obradu reza	Title			ovensko u, Novi Sad	



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



Production Engineering

Industrial Press Inc.

Cengage Learning

Study Programme Accreditation

UNDERGRADUATE ACADEMIC STUDIES

Table 5.2 Course specification

Course	:								
Course	id:	P306				Fixtures			
Numbe	r of ECTS:	5							
Teache	ers:		Vukelić B. E	Dorđe, Hodolič	J. Janko,	Hadžistević J. Miodrag, E	udak M. Igor		
Course	status:		Mandatory						
Numbe	r of active teac	hing classe	es (weekly)						
L	ectures:	Practical	classes:	Other teachi	ng types:	Study resea	arch work:	Other cla	sses:
	2	()	2		0		1	
Precon	dition courses			None		•	•		
1. Educ	ational goal:								
	ure independer					ion and exploitation of fixt gineering gain competend			
2. Educ	ational outcom	nes (acquire	ed knowledg	e):					
	ts will be able f management					itation of fixtures. Student	s gain competence ir	n defining stra	itegies o
3. Cour	se content/stru	icture:							
position influen exploat Fixture manufa	hing on machin tial factors an tion of fixtures. s for disassem	e tool, eler d the basic Universal bly. Fixtur es for welc	nents for atta c rules in fix fixtures. Fix es in metrol- ling. Fixtures	aching fixtures tures design. tures for group ogy and qualit s for soldering	to machin Mechani technolo y control. Fixtures	th distances, elements for ne, securing elements, tra- zation and automation cogy. Modular fixtures. Pha Fixtures for coordinate for handling. Fixtures for	anslating elements, ro f fixtures. Selection ase-change fixtures. measuring machines	otating eleme , implementa Fixtures for a . Fixtures for	nts). The ition and ssembly additive
4. Teac	hing methods:								
with ch covere	aracteristic ex	amples for nowledge i	r better unde is practically	erstanding of applied in lat	subject co poratory p	computer practical classe ontent. In auditory praction practical classes using av	cal classes, characte	eristical exerc	cises ar
				Knowledge	evaluation	(maximum 100 points)			
	Pre-examina	ation obliga	tions	Mandatory	Points	Final ex	kam	Mandatory	Points
Exercis	e attendance			Yes		Written part of the exam	- tasks and theory	Yes	30.00
	c paper			Yes		Oral part of the exam		Yes	20.00
	attendance			Yes	5.00				
Test				Yes	10.00				
Test				Yes	10.00	 			
					Liter	ature			
	A	the end			T 221		D. J. P.	_	V
Ord.	Hodolič I · ·	uthor	Dribe	nri	Title	9	Publishe Fakultet tehničkih n	auka Novi	Year
1,	Hodolič, J.; V	/ukelić, Đ.	Pribo				Fakultet tehničkih n Sad	auka, Novi	2008
	Hodolič, J.; V Tanović, LJ.; Tadić, B.	/ukelić, Đ.	Alati	i pribori - proje oćnih pribora	ektovanje,	e proračuni i konstrukcije ka rešenih zadataka	Fakultet tehničkih n	auka, Novi 3eograd	

Campbell, P.D.Q

Hoffman, E. G.

Basic Fixture Design

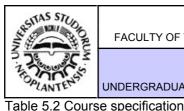
Jig and fixture design

4,

5,

1994

2004



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



Study Programme Accreditation

UNDERGRADUATE ACADEMIC STUDIES

Production Engineering

Course: Processing and Technological Systems Course id: P304 Number of ECTS: 5 Teachers: Antić T. Aco, Zeljković V. Milan Course status: Mandatory Number of active teaching classes (weekly) Study research work: Lectures: Practical classes: Other classes: Other teaching types: 3 0 2 0 1 Precondition courses None 1. Educational goal: Getting introduced to basic concepts and principles of mechanics as part of physics and fundamental technical discipline. Mastering basic methods of analysis and technical problem solving 2. Educational outcomes (acquired knowledge): Students use gained knowledge as a conceptual base in other technical disciplines 3. Course content/structure: Units of measurement, physical measurement, and vectors. Rectilinear motion of a particle. Curvilinear motion of a particle. Newton's law of motion. Application of Newton's laws. Work and kinetic energy. Potential energy and conservation of energy. Momentum, Impulse and Collision. Rotational motion of rigid bodies. Rotational dynamics. Equilibrium and elasticity. Gravitation. Oscillatory movement. Computer simulation of dynamic systems 4. Teaching methods: Lectures include theoretical basis related to the teaching units and illustrated examples. Based on the lectured matter, methods of analysis and specific problem solving are being developed in the practice classes and applied on selected examples. Knowledge evaluation (maximum 100 points) Pre-examination obligations Mandatory Points Mandatory Points Final exam Graphic paper 20.00 Written part of the exam - tasks and theory 30.00 Yes Yes Laboratory exercise attendance 5.00 Oral part of the exam 40.00 Yes Yes Lecture attendance 5.00 Yes Literature Ord. Author Title Publisher Year Glavne karakteristike i struktura obradnih sistema-Fakultet tehničkih nauka, Novi 1, Borojev, Lj., Zeljković, M 2008 udžbenik u pripremi Sad Mašine i alatke - koncepcijske i eksploatacione 2, Stanković, P Građanska knjiga, Beograd 1970 analize mašina za obradu rezanjem 3, Kalajdžić, M. Tehnologije mašinogradnje Mašinski fakultet, Beograd 2002 Werkzeugmaschinen. Maschinenarten und 4, 2005 Wech, M. Brecher, C Springer Berlin Heidelberg Anwendungsbeeiche Werkzeugmaschinen 5: Messtechnische 5, Weck, M., Brecher, C Springer Berlin Heidelberg 2006 Untersuchung und Beurteilung, dynamische Stabilitat



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



Study Programme Accreditation

UNDERGRADUATE ACADEMIC STUDIES

Production Engineering

	:								
Course	id:	P1406			Theor	ry of Machining	Processes		
Numbe	r of ECTS:	7							
Teache	ers:		Gostimirović	P. Marin, Kov	∕ač P. Pa∖	vel, Sekulić Lj. Milenko			
Course	status:		Elective						
Numbe	r of active teac	hing classe	s (weekly)						
L	ectures:	Practical	classes:	Other teachi	ng types:	Study resea	arch work:	Other cla	isses:
	3	0)	3		0		0	
Precon	dition courses			None					
1. Educ	ational goal:								
Upgrad	e of knowledge	e in field of	machining pr	ocesses and e	experimen	tal chceck and practical e	examples.		
2. Educ	cational outcom	nes (acquire	ed knowledge	e):					
	ed knowledge iing parameter		ble design c	f machining p	processes	, devices used in proces	ses and monitoring	and choice o	of opitmal
3. Cour	se content/stru	icture:							
Cutting Integrity	forces in diffe	rent machi	ning process	es. Cutting te	mperatúre	tem. Chip forming proce e. Tribology of cutting pro			
•			inamics of c	utting proces	s. Cutting	fluids and research of n			
4 Leac	hina methods:	bases.	inamics of c	utting proces	s. Cutting				
	ching methods: es. Computer (0	bases.			s. Cutting				
	0	bases.		xercise.					
	0	bases. C) practice.	Laboratory e	xercise.		fluids and research of n	naterial machinabilit		
	es. Computer ((Pre-examina	bases. C) practice.	Laboratory e	xercise.	evaluation Points	fluids and research of n (maximum 100 points)	naterial machinabilit	y. Choosing (of cutting Points
Lecture Homew	es. Computer ((Pre-examina	bases. C) practice.	Laboratory e	xercise. Knowledge e Mandatory	evaluation Points 10.00	fluids and research of n (maximum 100 points) Final ex	naterial machinabilit	y. Choosing of Mandatory	Points 30.00
Lecture Homew Laborat	Pre-examina	bases. C) practice.	Laboratory e	xercise. Knowledge e Mandatory Yes	evaluation Points 10.00 5.00 5.00	fluids and research of n (maximum 100 points) Final ex Written part of the exam	naterial machinabilit	y. Choosing of Mandatory Yes	Points 30.00
Lecture Homew Laborat	Pre-examina vork tory exercise a	bases. C) practice.	Laboratory e	xercise. Knowledge e Mandatory Yes Yes	evaluation Points 10.00 5.00 5.00 20.00	fluids and research of n (maximum 100 points) Final ex Written part of the exam Oral part of the exam	naterial machinabilit	y. Choosing of Mandatory Yes	Points 30.00
Lecture Homew Laborat Lecture Test	Pre-examina vork tory exercise a attendance	bases. C) practice. ation obligat	Laboratory e	Xercise. Knowledge e Mandatory Yes Yes Yes	evaluation Points 10.00 5.00 5.00 20.00 Liter	fluids and research of n (maximum 100 points) Final ex Written part of the exam Oral part of the exam ature	naterial machinability cam - tasks and theory	y. Choosing of Mandatory Yes Yes	Points 30.00 30.00
Lecture Homew Laborat	Pre-examina vork tory exercise a attendance	bases. C) practice.	Laboratory e	Xercise. Knowledge e Mandatory Yes Yes Yes	evaluation Points 10.00 5.00 5.00 20.00	fluids and research of n (maximum 100 points) Final ex Written part of the exam Oral part of the exam ature	naterial machinability cam - tasks and theory Publishe	y. Choosing of Mandatory Yes Yes	of cutting
Lecture Homew Laborat Lecture Test	Pre-examina vork tory exercise a attendance	bases. C) practice. ation obligat ttendance	Laboratory e	Xercise. Knowledge e Mandatory Yes Yes Yes	evaluation Points 10.00 5.00 5.00 20.00 Liter	fluids and research of n (maximum 100 points) Final ex Written part of the exam Oral part of the exam ature	naterial machinability cam - tasks and theory	y. Choosing of Mandatory Yes Yes	Points 30.00 30.00
Lecture Homew Laborat Lecture Test Ord.	Pre-examina vork tory exercise a e attendance	bases. C) practice. ation obligat ttendance	Laboratory e ions	xercise. Knowledge e Mandatory Yes Yes Yes Yes nje metala	evaluation Points 10.00 5.00 5.00 20.00 Liter Title	fluids and research of n (maximum 100 points) Final ex Written part of the exam Oral part of the exam ature	naterial machinability am - tasks and theory Publishe Univerzitet u Novon Novi Sad FTN	y. Choosing of Mandatory Yes Yes er n Sadu,	Points 30.00 30.00 Year
Lecture Homew Laborat Lecture Test Ord. 1,	Pre-examina vork tory exercise a e attendance A Kovač, P., M	bases. C) practice. ation obligat ttendance tuthor ilikić, D.	Laboratory e ions Reza	xercise. Knowledge e Mandatory Yes Yes Yes Yes nje metala	evaluation Points 10.00 5.00 5.00 20.00 Liter Title	fluids and research of n (maximum 100 points) Final ex Written part of the exam Oral part of the exam ature	naterial machinability cam - tasks and theory Publishe Univerzitet u Novon Novi Sad	y. Choosing of Mandatory Yes Yes er n Sadu, mann,	Points 30.00 30.00 Year 1998



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



Study Programme Accreditation

UNDERGRADUATE ACADEMIC STUDIES

Production Engineering

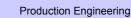
	:		Comr	outer Aide	ed Des	sign of Tools an	d Dies for M	etal Form	nina
Course	id:	P2413							mg
Numbe	r of ECTS:	7							
Teache	ers:		Plančak E. I	Miroslav, Viloti	ć Ž. Dragi	ša			
Course	status:		Elective						
Numbe	r of active tead	ching classe	es (weekly)						
L	ectures:	Practical	classes:	Other teachi	ng types:	Study rese	arch work:	Other cla	isses:
	3	C)	3		0		0	
Precon	dition courses			None		-	I		
1 Educ	ational goal:								
	-	retical and i	practical know	wledge in the f	ield of too	I design and construction	in metal forming tec	hnologies	
Appren				wieuge in the i				nnoiogies.	
2. Educ	ational outcon	nes (acquire	ed knowledge	e):					
After co	ompleting the	courses and	d passing the	e exam, stude	nts should	be able to carry out too	I design and constru	ction by using	g moder
						netal technologies.	.		
3. Cour	se content/stru	ucture:							
The ap	plication of n	nodern met	thods in des	ion and cons	truction o	f tools, computer aided	donian poftwara n	ackades De	sion an
							uesiun, sonware u		
			netal forming	g, tools for pur	nching, be	ending tools, deep drawi	ng tools. Multi-positi	on tools. Too	ls for th
automo	bile industry.	Design and	netal forming d constructio	g, tools for pur	nching, be bulk meta	ending tools, deep drawi I forming, extrusion tools	ng tools. Multi-positi s, forging tools, tools	on tools. Too	ls for th
automo	bile industry.	Design and	netal forming d constructio	g, tools for pur	nching, be bulk meta	ending tools, deep drawi	ng tools. Multi-positi s, forging tools, tools	on tools. Too	ls for th
automo multi-p	bile industry.	Design and Modern me	netal forming d constructio	g, tools for pur	nching, be bulk meta	ending tools, deep drawi I forming, extrusion tools	ng tools. Multi-positi s, forging tools, tools	on tools. Too	ls for th
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UNIVERSITY OF NOVI SAD

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

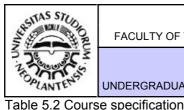
Study Programme Accreditation





UNDERGRADUATE ACADEMIC STUDIES Table 5.2 Course specification

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Course	id:	P3401]	Characte	ristics	and Application	n of Plastic M	laterials	
Numbe	r of ECTS:	7							
Teache	ers:		Gerić D. K	atarina, Škorić I	N. Branko				
Course	status:		Elective						
Numbe	r of active tea	ching class	es (weekly)						
	.ectures:	1	l classes:	Other teachi	na types:	Study rese	arch work:	Other cla	isses:
	3		0	3	5 51	C		0	
Precon	dition courses			None					
1 Educ	ational goal:								
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Introdui perform electric Stochas perform 4. Teac Lecture the con the lect Homew Laborat Lecture Term p	ction to detern nances of the power transf stic modelling nances of the thing methods es. Computing temporary toc ures, a specia Pre-examin rork tory exercise a e attendance aper	ninistic crit power syste er. Monte (for hydro-p rransfer and : practice. T ls with chai lized softwa ation obliga attendance	em reliability Carlo metho ower plants d distribution 	y indicators. Mai ods. Simulation and wind mills n system indicate omework. Lectur xamples contrib luced, and adeq Knowledge e Mandatory Yes Yes Yes	ower syste rkov mode methods parks. Rel ors workin res are pe uting to th uate tasks evaluation Points 40.00 5.00 5.00 10.00 Litera Title	ems. Main reliability deve elling. Analytical methods for the production reliab liability parameters for the g on the competitive man explanations of the the s are done to elaborate th (maximum 100 points) Final e Oral part of the exam	elopment concept for s for the production r ility estimation and e power system equi ket of electric power nanner. Theoretical oretical lecturing par ne content presented xam	or power system eliability estima electric power pment. Market part is perform t. In practice th in lectures. Mandatory Yes	ms. Ma ation ar transfe t-oriente hat follo Point 40.0
Introdui perform electric Stochas perform 4. Teac Lecture the con the lect Homew Laborat Lecture Term p Ord.	ction to detern hances of the power transf stic modelling hances of the t thing methods es. Computing temporary toc ures, a specia Pre-examin fork tory exercise a e attendance aper	ninistic crit power syste er. Monte (for hydro-p rransfer and : practice. T ls with chai lized softwa ation obliga attendance	em reliability Carlo metho ower plants d distribution - utorials. Ho racteristic e are is introd titions	y indicators. Mai ods. Simulation and wind mills in system indicate omework. Lectur xamples contrib luced, and adeq Knowledge e Mandatory Yes Yes Yes Yes Yes	ower syste rkov mode methods parks. Rel ors workin res are pe uting to th uate tasks evaluation Points 40.00 5.00 5.00 10.00 Litera Title	ems. Main reliability deve elling. Analytical methods for the production reliab liability parameters for the g on the competitive man explanations of the the s are done to elaborate th (maximum 100 points) Final e Oral part of the exam	elopment concept fo for the production r ility estimation and e power system equi ket of electric power nanner. Theoretical oretical lecturing par ne content presented xam Publish	or power system eliability estima electric power pment. Market part is perform t. In practice th in lectures. Mandatory Yes	ms. Ma ation ar transfe t-oriente hat follo Point 40.0
Introdui perform electric Stochas perform 4. Teac Lecture the con the lect Homew Laborat Lecture Term p Ord. 1,	ction to detern nances of the power transf stic modelling nances of the t hing methods es. Computing temporary too ures, a specia Pre-examin vork tory exercise a attendance aper Plavšić, M. Brent Strong	ninistic crit power syste er. Monte (for hydro-p rransfer and : practice. T ls with chai lized softwa ation obliga attendance	em reliability Carlo metho ower plants d distribution Futorials. Ho racteristic e are is introd titions	y indicators. Mai ods. Simulation and wind mills n system indicate omework. Lectur xamples contrib luced, and adeq Knowledge e Mandatory Yes Yes Yes Yes Yes atom Yes	ower syste rkov mode methods parks. Rel ors workin res are pe uting to th uate tasks evaluation Points 40.00 5.00 5.00 10.00 Litera Title and proces	ems. Main reliability deve elling. Analytical methods for the production reliab iability parameters for the g on the competitive man explanations of the the s are done to elaborate the (maximum 100 points) Final e Oral part of the exam	elopment concept fo is for the production r ility estimation and e power system equi ket of electric power nanner. Theoretical oretical lecturing par ne content presented xam Publish Naučna knjiga, Be	or power system eliability estima electric power pment. Market part is perform t. In practice th in lectures. Mandatory Yes	ms. Ma ation ar transfe t-oriente hat follo Point 40.0 Yea 1996



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



Study Programme Accreditation

UNDERGRADUATE ACADEMIC STUDIES

Production Engineering

Course: Introduction to Precision Engineering Course id: P322 Number of ECTS: 7 Teachers: Budak M. Igor, Stojanović M. Goran, Vukelić B. Đorđe Course status: Elective Number of active teaching classes (weekly) Lectures: Practical classes: Study research work: Other classes: Other teaching types: 3 1 2 0 0 Precondition courses None 1. Educational goal: Acquiring the theoretical and practical fundamentals of precision engineering 2. Educational outcomes (acquired knowledge): Basic knowledge about the concept of precision engineering and areas of application. Understanding the importance of precision engineering in modern mechanical manufacturing. Introduction to the basic principles of precision engineering. Ability to understand the methodological and practical aspects of the implementation of precision engineering. Course content/structure: The term, concept, role and importance of precision engineering. Basic principles of precision engineering. Standards in the field of precision engineering. International professional associations in the field of precision engineering. Application fields of precision engineering. Technologies of precision engineering. Fixtures in ultra-precision manufacturing. Metrological aspects of precision engineering. Fundamentals of micro electro-mechanical systems. Fundamentals of nano electro-mechanical systems. 4. Teaching methods: Classes are held in the form of interactive lectures, laboratory and computer exercises. Lectures presents the theoretical part of the course subject accompanied by characteristic examples in order of better understanding. Auditory exercises consist of typical problems' solving and deepening the theoretical knowledge. The laboratory exercises comprise practical application of the gained knowledge on the available laboratory equipment. Consultations are regularly held in addition to lectures and exercises. Knowledge evaluation (maximum 100 points) Pre-examination obligations Mandatory Points Final exam Mandatory Points Exercise attendance 5.00 Written part of the exam - tasks and theory 40.00 Yes Yes 10.00 Oral part of the exam Laboratory exercise defence 30.00 Yes Yes 5.00 Lecture attendance Yes Test 10.00 Yes Literature Ord Author Title Publisher Year Dornfeld, David A., Lee, Dae-2008 1, Precision Manufacturing Springer Eun Sugioka, Koji; Meunier, 2. Laser Precision Microfabrication 2010 Springer Michel; Piqué, Alberto Budak, I., Hodolič, J., Bešić Fakultet tehničkih nauka u Koordinatne merne mašine i CAD inspekcija 2009 3, I., Vukelić, Đ., Osanna, P. H. Novom Sadu Durakbasa, N. M. V. C. Venkatesh, Sudin McGraw Hill Professional 2008 4, Precision Engineering Izman



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Study Programme Accreditation

UNDERGRADUATE ACADEMIC STUDIES

Production Engineering

Course:									
Course id	d:	SE0001			Intro	duction to Prog	ramming		
Number of	of ECTS:	7							
Teachers	3:		Ivanović V	. Dragan, Marko	ović Mila	n, Milosavljević P. Brank	o, Nenadić M. Goran		
Course s	tatus:		Elective						
Number of	of active teac	hing classe	es (weekly)						
Le	ctures:	Practical	classes:	Other teachi	ng types:	Study resea	arch work:	Other cla	asses:
	3	()	2		0		1	
Precondi	tion courses		-	None					
1. Educa	tional goal:								
Understa	anding the cor	ncepts, elei	ments, and	structure of com	nputer pro	grams, and basic algorith	ms for data processi	ng.	
2. Educa	tional outcom	es (acquire	ed knowledg	ge):					
programs and iterat	s that interact	with users	s; handle di	fferent types of	data; use	nding of main compute basic structural concept understand elements of	s in programming - s	sequences, s	elections,
3. Course	e content/stru	cture:							
form and numbers: functions structure: loop; fini- program arrays, o compute	I function of p the notion of s. Handling s s: the notion te and infinite decomposition operations on	rogrammin a data typ trings: the of decision e loops; in on; invoking arrays, m p-down ar	ng language e; numerica e notion of s ; single, dou teractive ar g subprogra nultidimensi nd spiral de	es; features of t al data types; re string and its c uble, and n-ary nd sentinel loop ams; transfering onal arrays; dio	he Pythor presenting omputer r decisions; ps; nested paramete ctionaries.	e in a computer system; programming language numbers in a computer; representation; operatio handling exceptions. Loo loops; Boolean algebra ers and results; subprogr Software development ng. Algorithm analysis:	elements of a Pyth accumulator variable ns on strings; string ops and logical expre- and Boolean expre- am collections; recul process: representi	on program. es; using mat g formatting. essions: the r ssions. Sub rsion. Data c ing a real sy	Handling hematical Decision notion of a programs: ollections: stem in a
4. Teachi	ing methods:								
Lectures	•		onsultations	s. The examina	tion is ora	I. The final grade is form	ned on the bases of	success at I	aboratory
				Knowledge e	valuation	(maximum 100 points)			
	Pre-examina	tion obliga	tions	Mandatory	Points	Final ex	kam	Mandatory	Points
Project d	efence			Yes	50.00	Oral part of the exam		Yes	50.00
					Litera	ature			
Ord.	A	uthor			Title		Publishe	er	Year
1,	J.M. Zelle			non Programmir ence, 2nd edition	0	oduction to Computer	Franklin, Beedle &	Associates	2010



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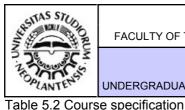


Study Programme Accreditation

UNDERGRADUATE ACADEMIC STUDIES

Production Engineering

Course:	:								
Course	id:	- M205L		F	Fundar	mentals in Flui	d Mechanics		
Number	r of ECTS:	5	1						
Teache	r:		Bukurov Ž	. Maša					
Course	status:		Mandatory	y					
Number	r of active tead	hing class	es (weekly)						
L	ectures:	Practical	classes:	Other teachi	ng types:	Study re:	earch work:	Other cla	sses:
	2		1	1			0	0	
Precond	dition courses			None		•			
1. Educ	ational goal:			<u>.</u>					
Introduc	ction to the phy	vsical prope	erties of flui	ds and behaviou	ur of fluids	at rest and in motion.			
2. Educ	ational outcon	nes (acquir	ed knowled	lge):					
Acquisit dimensi	tion of knowle ioning of pipel	dge for solv ines, deter	ving proble mining flow	ms in the field lid characteristics)	quid and g	as at rest and in motic	n (dimensioning of cor	ntainers and re	eservoirs,
3. Cours	se content/stru	ucture:							
microst capillari liquids a surfaces of ideal - a form	ructure. The of ty and critical and gases in t s. Buoyancy. I fluid. Euler eq with losses. system. The	division of pressure. C he field of Fluid as rig uations.Be The coeffic	physical p Cavitation. F gravity. Flui id body und rnoulli integ ient of fricti	roperties. Press Fluid statics. The id pressure on a der uniform linea gral of Euler equ ion. The methoo	sure. Dens hydrostat flat surfact ar accelera ations. Be of approx	sity. Compressibility. ic pressure. Euler equa ce. Hydrostatic forces ation. Fluid as rigid boo rnoulli equations. Com kimation. Pipeline with	ical properties of fluids Speed of sound. Visco ations for a static fluid. on flat surfaces. Hydro y under rotation. Fluid ection factor of kinetic turbomachinery, the c ckets. Flow with the va	osity. Surface Pressure distr static forces of Kinematics. I energy. Pipe	e tension, ibution in on curved Dynamics problems e, closed
4. Teac	hing methods:								
blackbo related computi on boar obtaine	ard. There are to the lecture ing practice (1 d by gradual d results to ge	e a number d units are 0 weeks) a display of et end resu	of movies brought to nd laborato results. Lat lts and to d	in fluid mechan o class when p ory (5 weeks). Co boratory practice raw graphs. Stu atory practice cl	ics being (ossible (p omputing p e is held a dents hav ass.	presented to the stude ipe elements, measur practice accompanies l it once for 6 hours, wh e to complete practice	also by using classica nts, but also assigned ement instruments). F ectures and examinatio ere students carry ou for homework in order	for homework Practice is div on problems a t experiments	. Objects ided into re solved and use
				Knowledge e	evaluation	(maximum 100 points)		-	
	Pre-examina	ation obliga	tions	Mandatory	Points		exam	Mandatory	Points
	e attendance			Yes		Oral part of the exam		Yes	50.00
	ory exercise a attendance	ttendance		Yes	3.00 5.00				
Test	allenuarice			Yes Yes	10.00				
Test				Yes	10.00				
Test				Yes	10.00				
Test				Yes	10.00				
				•	Litera	ature			
Ord.	A	Author			Title		Publish	er	Year
1,	Maša Bukuro	ov	Osi	novi mehanike fl	uida		skripta		2012
2,	Žarko Bukur		-	hanika fluida			Fakultet tehničkih r	nauka	1987
3,	Žarko Bukur Cvijanović	-	ivie	hanika fluida za	daci		Fakultet tehničkih r	nauka	1982
4,	Maša Bukuro Todorović, S		^D Zbi	rka zadataka iz	osnova me	ehanike fluida	FTN izdavaštvo		2011



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Study Programme Accreditation

UNDERGRADUATE ACADEMIC STUDIES

Production Engineering

Course: Nonconventional Procedures in Processing Course id: P305 Number of ECTS: 5 Teachers: Gostimirović P. Marin, Kovač P. Pavel, Sekulić Lj. Milenko Course status: Mandatory Number of active teaching classes (weekly) Other teaching types: Lectures: Practical classes: Study research work: Other classes: 3 0 2 0 1 Precondition courses None 1. Educational goal: Acquiring knowledge in the field of non-conventional processing and justification of their application, especially in processing hard-tomachine materials and objects of complex geometry. 2. Educational outcomes (acquired knowledge): Acquired knowledge should enable proper choice of type of non-conventional process for specific production problem. For selected type of processing with acquired knowledge one is able to properly design product manufacturing technology, choice of optimal processing parameters and possibility of construction non-conventional manufacturing systems. 3. Course content/structure: Importance, division, application and and mutual characteristic of non-conventional processes. Justification of application of nonconventional processes. Abrasive jet machining. Abrasive mechanical processes. Water jet machining. Abrasive water jet machining. Ultrasound machining. Electrical discharge machining. Laser beam machining. Electron beam machining. Ion beam machining. Plasma arc machining. Chemical machining. Electrochemical machining. Abrasive electrochemical machining. Intensification of conventional and unconventional processes. Combined non-conventional processes. Combined conventional and non-conventional processes. 4. Teaching methods: Lectures are realized interactively through lectures and laboratory practical classes. In lectures theoretical part is presented with characteristic examples for better understanding of subject content. Acquired knowledge is practically applied in laboratory practical classes using available laboratory equipment. Apart from lectures and practical classes, consultations are held regularly. Final grade is formed on basis of lectures and practically classes presence, tests and oral exam Knowledge evaluation (maximum 100 points) Pre-examination obligations Mandatory Points Final exam Mandatory Points Graphic paper 5.00 Written part of the exam - tasks and theory 30.00 Yes Yes Laboratory exercise attendance 2.50 Oral part of the exam Yes Yes 30.00 Lecture attendance 2.50 Yes Term paper 30.00 Yes Literature Ord. Author Title Publisher Year Fakultet tehničkih nauka Novi 1 Gostimirović M. Nekonvencionalni postupci obrade 2012 Sad 2. Lazić. M. Nekonvencionalni postupci obrade. Naučna knjiga, Beograd 1990 Advanced machining processes, Nontradicional and McGraw-Hill Professional 2005 3 El-Hofy H. hybrid machining processes



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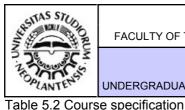


Production Engineering

Study Programme Accreditation

UNDERGRADUATE ACADEMIC STUDIES

Course									
	-	D 200				Process Plann	ina		
Course	-	P308							
		6							
Teache	rs:		Milošević P	. Mijodrag, Too	dić V. Velir	nir			
Course	status:		Mandatory						
Number	r of active teac	hing classe	es (weekly)			1			
L	ectures:	Practical	classes:	Other teachi	ing types:	Study resea	arch work:	Other cla	sses:
	3	C)	3		0		1	
Precond	dition courses			None					
1. Educ	ational goal:								
Student	s learn to solv	e tasks of n	nanufacturin	g and assemb	ly process	planning of products.			
2. Educ	ational outcom	nes (acquire	ed knowledg	e):					
	dge gained en mprovement o				in quality r	nanufacturing and assem	bly process planning	of the produc	t, as well
3. Cours	se content/stru	icture:							
producti manufa increas impleme	ion. Technical cturability of p e the quality entation of fle	and techno roduct. Wo of proces tible manuf	logical docu rkpieces. Al s planning. acturing sys	Imentation. Ma Ilowance. Accu Process pla Items. Rationa	inufacturin uarcy of m nning sys lization of	 Technologcal preparating process planning and a lachining and assembly. stems and methods. Teproces planning for flexitibly process planning. 	ssembly. Technologi Optimization of proce chnological basis f	cal database. ess plan. Pos for developm	Analysis sibility to nent and
Teachin lectures appropi order to applicat teaching	s theoretical p ate graphic we expand pract tion of inforam	oart is pres orks. On la ical knowle ition techno making ap	ented with boratory exe dge, various blogy in the ppropriate gr	appropriate p ercises practic s companies a teaching obse	ractical ex ally apply re visited. erved field	y and computer exercices xamples. Within auditory their acquired knowledge Within computer pratical Besides, regularly cons are written and related to	exercices work as on the available lat classes performed t sultations are held in	ssigments, as poratory equip raining stude order to mo	s well as oment. In nts in the ve closer
		propriato t		Knowledge (evaluation	(maximum 100 points)			
	Pre-examina	tion obligat	tions	Mandatory	Points	Final ex	am	Mandatory	Points
Exercise	e attendance			Yes		Written part of the exam	-	Yes	30.00
Graphic				Yes		Coloquium exam	· · · · · · · · · · · · · · · · · · ·	Yes	20.00
Lecture	attendance			Yes		Coloquium exam		Yes	20.00
					Liter	ature			
Ord.	Α	uthor			Title		Publishe	er l	Year
1,	Todić, V.		Proje	ektovanje tehno			Fakultet tehničkih n Sad		2004
2,	Todić, V., Ba	njac, D.	Proje		imizacija te	ehnoloških procesa	Fakultet tehničkih n Sad	auka, Novi	
3,	Babić, B.			ektovanje tehno	oloških pro	ocesa	Mašinski fakultet, B		2000
<u> </u>	Scallan, P.					50000		eograd	2000 1999



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



Other classes:

0

Mandatory

Yes

Yes

Points

20.00

30.00

Study Programme Accreditation

UNDERGRADUATE ACADEMIC STUDIES

Production Engineering

Course: Automated Flexible Technologial Systems Course id: P307 Number of ECTS: 6 Teachers: Antić T. Aco, Tabaković N. Slobodan, Zeljković V. Milan Course status: Mandatory Number of active teaching classes (weekly) Lectures: Practical classes: Study research work: Other teaching types: 3 0 2 0 Precondition courses None 1. Educational goal: Acquisition of basic knowledge in the field of automated flexible technological systems and structures. 2. Educational outcomes (acquired knowledge): Knowledge of the AFT structures and their components: machining, manipulating, measuring and controlling, transportation and storage, and computer control system, as well as programming them. 3. Course content/structure: Introduction to the Flexible technological structures. Basic concepts and levels of complexity. Technological basis for the design and implementation of the AFT structures. Components of automated flexible systems. Numerically controlled machine tools as a component of AFT system and its development trend. Manipulating systems. Measuring and control systems. Transport and storage systems. Computer control systems. Composing of the AFT structures with different levels of complexity. Programming of AFT structures and their components (manual and automated). Programming of the NC machine tools. Programming of manipulating system. Programming of measurement and control systems. 4. Teaching methods: Classes are held in the form of interactive lectures and laboratory practice and through consultations. In lectures, theoretical lessons is presented and illustrated with examples. Through laboratory exercises a knowledges gained at the example of the Flexible technological cell INDEX GU 600, 160 WHU are applied at the concrete exploitation examples of certain components of the AFT system. In addition to lectures and exercises are also held regular consultations. Exam rating is based on: the presence at lectures and exercises, successfully finished and defended tasks (three tasks), the success at the Colloquium and the oral part of the exam. Knowledge evaluation (maximum 100 points) Pre-examination obligations Mandatory Points Final exam Graphic paper 20.00 Written part of the exam - tasks and theory Yes 20.00 Oral part of the exam Graphic paper Yes Laboratory exercise attendance 5.00 Yes Lecture attendance 5.00 Yes Literature

Ord.	Author	Title	Publisher	Year
1,	Gatalo, R., Rekecki, J. i drugi autori	Fleksibilni tehnološki sistemi za obradu rotacionih izradaka, knjiga 1, 2 i 3	Institut za proizvodno mašinstvo - FTN, Novi Sad	1989
2,	Rekecki, J.	Osnovi automatizacije mašine alatki	Fakultet tehničkih nauka, Novi Sad	1974
3,	Tlusty, G.	Manufacturing processes and equipment	Prentice Hall, Inc, Upper Saddle River, New Jerse	2000
4,	Weck, M., Brecher, C.	Werkzeugmaschinen 4	Springer Berlin Heidelberg	2006



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



Study Programme Accreditation

UNDERGRADUATE ACADEMIC STUDIES

Production Engineering

Course:					-				
Course	id:	P313			F	Professional Pra	actice		
Number	of ECTS:	3							
Teacher	rs:								
Course	status:		Mandatory	1					
Number	of active teac	hing classes	s (weekly)						
Le	ectures:	Practical of	classes:	Other teachi	ng types:	Study rese	arch work:	Other cla	asses:
	0	0		0		0		3	
Precond	lition courses	-		None					
1. Educa	ational goal:								
						prises and institutions en acquired knowledge into		ithin the profe	ession for
2. Educa	ational outcom	nes (acquire	d knowled	ge):					
the sele	cted compani	es or institu	tions. Intro		o the activ	nical knowledge to solve vities of selected compar onal structures.			
3. Cours	se content/stru	icture:							
						gement of companies o hich the student qualifie		carry out pro	fessional
4. Teach	ning methods:								
	ation and wri ional practice		essional p	practice diary ir	n which a	student describes the	activities and tasks	completed d	uring the
				Knowledge e	valuation	(maximum 100 points)			
	Pre-examina	ation obligati	ions	Mandatory	Points	Final e	kam	Mandatory	Points
Homewo	ork			Yes	50.00	Oral part of the exam		Yes	50.00
					Litera	ature			
Ord.	А	uthor			Title		Publishe	er	Year



UNIVERSITY OF NOVI SAD

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



Study Programme Accreditation

UNDERGRADUATE ACADEMIC STUDIES

Production Engineering

Course:			_				
Course id: IM1	012		Pr	obability and St	atistics		
Number of ECTS: 5							
Teachers:	Gilezan	K. Silvia, Adžić Z.	Nevenka				
Course status:	Elective						
Number of active teaching	g classes (weekl	y)					
	ractical classes:	Other teachi	ng types:	Study resea	arch work:	Other cla	sses:
2	2	0	0 71	0		0	
Precondition courses		None					
1. Educational goal:							
Enabling students for ab course objective is to de engineering. The course to the issues from the fie adequate statistical met understanding of the pro-	evelop special w character is app eld of study. Stud hods, to do sta	vay of thinking in licational and the i dents are also ab tistical analysis a	students mportanc le to use ind to ess	while studying massive e is given to the knowled statistical programs. The sentially elaborate it. Th	phenomena in the f ge which can explain objective is to enab	ield of enviro quantitative a le students to	onmental approach o choose
2. Educational outcomes	(acquired knowle	edge):					
The student should use a models using the knowled studied in this course and	dge acquired in t	his course. Master	ring theore	etical knowledge in the fie			
3. Course content/structu	re:						
Mathematical expectation Large numbers law. Cer dispersion. Statistics: bas and graphic presentation Assessment of unknown Parametric and nonparar	ntral limit and li sic concepts. Po on of data, data o parameters (po netric hypothesis	near theorem. Co pulation, sample. analysis using n oint assessment: s and tests. Praction	orrelation Statistics nethods The methods cal lecture	and linear regression. Descriptive statistical a of descriptive statistics, hod of moments and ma e (practice): During the le	Sample distribution, nalysis (basic concep software support to ximum likelihood m ctures adequate exa	the mean va ots, data editi o statistical a ethod. Interv mples from th	alue and ing, table analysis). al rates).
lectures are done, thus p 4. Teaching methods:	racticing the kno	owledge and contr	ibuting to	the better understanding	of the lectured know	leage.	
Lectures: Numerical com the course followed by ch accompanies lectures, ty processing of obtained da A part of the course, whic first module: Probability; practice.	aracteristic exar pical problems ata is done using ch represents a l	nples are presente are solved and th the statistical soft ogical whole, can	ed for bett ne knowle ware. Bes be taken	ter understanding of the le edge from the lectures is sides lectures and practice during the teaching proce	ectured material. Duri deepened. During t e, consultations are h ss in the form of the	ing the praction the computer reld on a regu next two mod	ce, which practice llar basis. lules (the
		Knowledge e	evaluation	(maximum 100 points)			
Pre-examination	n obligations	Mandatory	Points	Final ex	am	Mandatory	Points
Exercise attendance		Yes		Coloquium exam		No	20.00
Homework		Yes		Coloquium exam		No	20.00
Homework		Yes		Theoretical part of the ex		Yes	30.00
Lecture attendance		Yes		Practical part of the exan	n - tasks	Yes	40.00
Test		Yes	10.00				
	1		Liter	ature			
Ord. Auth			Title	9	Publishe	er	Year
1, M. Stojaković S.Gilezan, Z.Luž	żanin,	latematička statist		atiatiko	FTN Novi Sad		2003
2, Z.Ovcin, Lj.Nedo B.Mihajl	DVIC, I.GIDIC, Z	birka rešenih zada	ilaka iz st	ausuke	CMS		2005



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

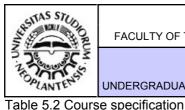


Production Engineering

Study Programme Accreditation

UNDERGRADUATE ACADEMIC STUDIES

Course	:				_				
Jourse	id:	P1401		Fixtu	ire Des	ign and Measu	uring Machine	es	
Numbe	r of ECTS:	4							
Teache	ers:		Hodolič J.	Janko, Vukelić	B. Đorđe, Ha	adžistević J. Miodrag, E	udak M. Igor		
Course	status:		Elective						
Numbe	r of active teac	hing classes	s (weekly)						
L	ectures:	Practical	classes:	Other teachi	ng types:	Study resea	arch work:	Other cla	isses:
	2	0		2		0		0	
Precon	dition courses			None					
1. Educ	ational goal:								
	ig students for ate measurem			n system for uni	fication, clas	ssification and automat	ion fixtures; introduc	tion to the prir	nciples of
2. Educ	ational outcom	nes (acquire	d knowled	ge):					
	ed knowledge e			esign fixtures, de	velopment o	of a unification, classific	ation and design aut	omation fixtur	res, CMM
3. Cour	se content/stru	icture:							
Econon The ha	nic calculation rdware structu	and optimiz re of the CN	ation of th //M. The se	e design and im oftware structure	plementatio e of the CMI	es elements. Designing on fixtures. Developmen M. CMM programming. ine in the concept of Siz	t of coordinate meas CMM integration of	suring machin	e (CMM).
	hing methods:				0	•	0		
	0								
Lecture present are cov	es are realized ted with charac rererd. Acquire	interactive cteristic exar d knowledg	mples for b le is practi	better understan	ding of subje aboratory p	ory and computer pract ect content. In auditory ractical classes using a	practical classes, cha	aracteristical e	exercises
Lecture present are cov	es are realized ted with charac rererd. Acquire	interactive cteristic exar d knowledg	mples for b le is practi	better understan cally applied in s are held regul	ding of subje aboratory p arly.	ect content. In auditory	practical classes, cha	aracteristical e	exercises
Lecture present are cov	es are realized ted with charac rererd. Acquire	interactive cteristic exar d knowledg classes, co	mples for b le is praction onsultation	better understan cally applied in s are held regul	ding of subje aboratory p arly.	ect content. In auditory practical classes using a	practical classes, cha avalilable laboratory	aracteristical e	exercises
Lecture present are cov lectures Exercis	es are realized ted with charac rererd. Acquire s and practical Pre-examina e attendance	interactive cteristic exar d knowledg classes, co	mples for b le is praction onsultation	cally applied in s are held regul	ding of subje aboratory p arly. evaluation (n Points 5.00 W	ect content. In auditory vractical classes using a maximum 100 points) Final ex /ritten part of the exam	practical classes, cha avalilable laboratory aam	aracteristical equipment. A	exercises part from
Lecture present are cov lectures Exercis Lecture	es are realized ted with charac ererd. Acquire s and practical Pre-examina e attendance attendance	interactive cteristic exar d knowledg classes, co	mples for b le is praction onsultation	better understan cally applied in s are held regul Knowledge e Mandatory Yes Yes	ding of subje aboratory p arly. evaluation (n Points 5.00 W 5.00 O	ect content. In auditory practical classes using a maximum 100 points) Final ex	practical classes, cha avalilable laboratory aam	aracteristical equipment. A	exercises part from Points
Lecture present are cov lectures Exercis Lecture Term p	es are realized ted with charac ererd. Acquire s and practical Pre-examina e attendance attendance	interactive cteristic exar d knowledg classes, co	mples for b le is praction onsultation	better understan cally applied in s are held regul Knowledge e Mandatory Yes Yes Yes	ding of subje aboratory p arly. evaluation (n Points 5.00 W 5.00 O 20.00	ect content. In auditory vractical classes using a maximum 100 points) Final ex /ritten part of the exam	practical classes, cha avalilable laboratory aam	aracteristical e equipment. A Mandatory Yes	exercises part from Points 30.00
Lecture present are cov lectures Exercis Lecture	es are realized ted with charac ererd. Acquire s and practical Pre-examina e attendance attendance	interactive cteristic exar d knowledg classes, co	mples for b le is praction onsultation	better understan cally applied in s are held regul Knowledge e Mandatory Yes Yes Yes Yes	ding of subje aboratory p arly. evaluation (n Points 5.00 W 5.00 O	ect content. In auditory vractical classes using a maximum 100 points) Final ex /ritten part of the exam	practical classes, cha avalilable laboratory aam	aracteristical e equipment. A Mandatory Yes	exercises part from Points 30.00
Lecture present are cov lectures Exercis Lecture Term pr Test	es are realized ted with charac ererd. Acquire s and practical Pre-examina e attendance attendance	interactive cteristic exar d knowledg classes, co	mples for b le is praction onsultation	better understan cally applied in s are held regul Knowledge e Mandatory Yes Yes Yes	ding of subje aboratory p arly. valuation (n Points 5.00 W 5.00 O 20.00 10.00	ect content. In auditory practical classes using a maximum 100 points) Final ex /ritten part of the exam pral part of the exam	practical classes, cha avalilable laboratory aam	aracteristical e equipment. A Mandatory Yes	exercises part from Points 30.00
Lecture present are cov lectures Exercis Lecture Term pr Test	es are realized ted with charace rererd. Acquire s and practical Pre-examina e attendance attendance aper	interactive cteristic exar d knowledg classes, co	mples for b le is praction onsultation	better understan cally applied in s are held regul Knowledge e Mandatory Yes Yes Yes Yes	ding of subje aboratory p arly. evaluation (n Points 5.00 W 5.00 O 20.00 10.00	ect content. In auditory practical classes using a maximum 100 points) Final ex /ritten part of the exam pral part of the exam	practical classes, cha avalilable laboratory aam	Aracteristical dequipment. A Mandatory Yes Yes	exercises part from Points 30.00
Lecture present are cov lectures Exercis Lecture Term pr Test Test	es are realized ted with charace rererd. Acquire s and practical Pre-examina e attendance attendance aper	interactivel cteristic exar d knowledg classes, cc ation obligati	mples for b le is praction onsultation	better understan cally applied in s are held regul Knowledge e Mandatory Yes Yes Yes Yes Yes	ding of subje aboratory p arly. evaluation (n Points 5.00 W 5.00 Q 20.00 10.00 10.00 Literatu	ect content. In auditory practical classes using a maximum 100 points) Final ex /ritten part of the exam pral part of the exam	practical classes, cha avalilable laboratory cam - tasks and theory Publishe Fakultet tehničkih n Sad	Aracteristical dequipment. A Mandatory Yes Yes Yes	Points 30.00 20.00
Lecture present are cov lectures Exercis Lecture Term pr Test Test Ord.	es are realized ted with charac rererd. Acquire s and practical Pre-examina e attendance attendance aper	interactive cteristic exar d knowledg classes, co ation obligati ation obligati vuthor /ukelić, Đ.	ions	better understan cally applied in s are held regul Knowledge e Mandatory Yes Yes Yes Yes Yes	ding of subje aboratory p arly. valuation (n Points 5.00 W 5.00 O 20.00 10.00 10.00 Literatu Title	ect content. In auditory practical classes using a maximum 100 points) Final ex /ritten part of the exam pral part of the exam ure	practical classes, cha avalilable laboratory cam - tasks and theory - tasks and theory Publishe Fakultet tehničkih n	Aracteristical dequipment. A Mandatory Yes Yes Yes	Points 30.00 20.00 Year
Lecture present are cov lectures Exercis Lecture Term pa Test Test Ord.	es are realized ted with charac rererd. Acquire s and practical Pre-examina e attendance attendance aper A Hodolič, J., V	interactive cteristic exar d knowledg classes, co ation obligati ation obligati vuthor /ukelić, Đ.	ions J. Nur	better understan cally applied in is s are held regul Knowledge e Mandatory Yes Yes Yes Yes Yes oori merički upravljar	ding of subje aboratory p arly. evaluation (n Points 5.00 W 5.00 O 20.00 10.00 10.00 10.00 Literatu Title	ect content. In auditory practical classes using a maximum 100 points) Final ex /ritten part of the exam pral part of the exam ure ašine prešenih zadataka	practical classes, cha avalilable laboratory (am - tasks and theory - tasks and theory Fakultet tehničkih n Sad Fakultet tehničkih n Sad Mašinski fakultet, K	Aracteristical dequipment. A Mandatory Yes Yes Yes er auka, Novi auka, Novi	Points 30.00 20.00 Year 2008
Lecture present are cov lectures Exercis Lecture Term pr Test Test Ord. 1, 2,	es are realized ted with charac ererd. Acquire s and practical Pre-examina e attendance attendance aper A Hodolič, J., V Majstorović,	interactive cteristic exar d knowledg classes, co ation obligati ation obligati vuthor /ukelić, Đ.	ions J. Nur Spe Prit	better understan cally applied in is s are held regul Knowledge e Mandatory Yes Yes Yes Yes Yes oori merički upravljar	ding of subje aboratory p arly. evaluation (n Points 5.00 W 5.00 O 20.00 10.00 10.00 10.00 Literatu Title	ect content. In auditory practical classes using a maximum 100 points) Final ex /ritten part of the exam pral part of the exam ure	practical classes, cha avalilable laboratory (am - tasks and theory - tasks and theory Publishe Fakultet tehničkih n Sad Fakultet tehničkih n Sad	Aracteristical dequipment. A Mandatory Yes Yes Yes er auka, Novi auka, Novi	exercises part from Points 30.00 20.00 20.00 Year 2008 1997
Lecture present are cov lectures Exercis Lecture Term pa Test Test Ord. 1, 2, 3,	es are realized ted with charace rererd. Acquire s and practical Pre-examina e attendance aper A Hodolič, J., V Majstorović, Tadić, B.	tinteractivel cteristic exar d knowledg classes, co ation obligati ation obligati (uthor /ukelić, Đ. V.; Hodolič, vdolič, J.; Be	J. Nur J. Spe prov. J. Prit	better understan cally applied in is s are held regul Knowledge e Mandatory Yes Yes Yes Yes Yes oori merički upravljar ecijalni stezni pri većanje tačnosti	ding of subje aboratory p arly. valuation (n Points 5.00 W 5.00 O 20.00 10.00 10.00 10.00 10.00 10.00 titeratu Title	ect content. In auditory ractical classes using a maximum 100 points) Final ex /ritten part of the exam ral part of the exam ure ašine rešenih zadataka merički upravljanih	practical classes, cha avalilable laboratory (am - tasks and theory Fakultet tehničkih n Sad Fakultet tehničkih n Sad Mašinski fakultet, K Fakultet tehničkih n Sad Fakultet tehničkih n Sad	Aracteristical dequipment. A Mandatory Yes Yes Yes Auuka, Novi Auuka, Novi Auuka, Novi Auuka, Novi	exercises part from Points 30.00 20.00 20.00 Vear 2008 1997 2002
Lecture present are cov lectures Exercis Lecture Term pr Test Test Ord. 1, 2, 3, 4,	es are realized ted with charac rererd. Acquire s and practical Pre-examina e attendance attendance aper A Hodolič, J., V Majstorović, Tadić, B. Stević, M. Budak, I.; Ho	tinteractivel cteristic exar d knowledg classes, co ation obligati ation obligati (uthor /ukelić, Đ. V.; Hodolič, vdolič, J.; Be	J. Nur Spe Sic, Koc	better understan cally applied in s are held regul Knowledge e Mandatory Yes Yes Yes Yes Yes Yes coori merički upravljar ecijalni stezni pri većanje tačnosti rnih mašina	ding of subje aboratory p arly. evaluation (n Points 5.00 W 5.00 O 20.00 10.00 10.00 10.00 Literatu Title he merne ma bori - zbirka merenja nur mašine i CA	ect content. In auditory ractical classes using a maximum 100 points) Final ex- /ritten part of the exam bral part of the exam ure ašine rešenih zadataka merički upravljanih AD inspekcija	practical classes, cha avalilable laboratory (am - tasks and theory -	Aracteristical dequipment. A Mandatory Yes Yes Yes Auuka, Novi Auuka, Novi Auuka, Novi Auuka, Novi	exercises part from Points 30.00 20.00 20.00 Year 2008 1997 2002 2006
Lecture present are cov lectures Exercis Lecture Term pr Test Test Ord. 1, 2, 3, 4, 5,	es are realized ted with charac rererd. Acquire s and practical Pre-examina e attendance attendance aper Hodolič, J., V Majstorović, Tadić, B. Stević, M. Budak, I.; Ho I.; Vukelić, Đ	interactivel cteristic exar d knowledg classes, co ation obligati ation obligati vuthor /ukelić, Đ. V.; Hodolič, V.; Hodolič, v.; Hodolič, . i dr.	J. Nur Spe Sšić, Koo	better understan cally applied in is are held regul Knowledge e Mandatory Yes Yes Yes Yes Yes oori merički upravljar ecijalni stezni pri većanje tačnosti rnih mašina ordinatne merne	ding of subje aboratory p arly. valuation (n Points 5.00 W 5.00 O 20.00 10.00 10.00 10.00 Literatu Title ne merne ma bori - zbirka merenja nu mašine i CA	ect content. In auditory ractical classes using a maximum 100 points) Final ex- /ritten part of the exam bral part of the exam ure ašine rešenih zadataka merički upravljanih AD inspekcija	practical classes, cha avalilable laboratory (am - tasks and theory Fakultet tehničkih n Sad Fakultet tehničkih n Sad Mašinski fakultet, K Fakultet tehničkih n Sad Fakultet tehničkih n Sad	Aracteristical dequipment. A Mandatory Yes Yes Yes Auuka, Novi Auuka, Novi Auuka, Novi Auuka, Novi	exercises part from Points 30.00 20.00 20.00 Vear 2008 1997 2002 2006 2009



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



Study Programme Accreditation

UNDERGRADUATE ACADEMIC STUDIES

Production Engineering

Course: CAD/CAE/CAM i CIM Systems Course id: P1402 Number of ECTS: 6 Teachers: Antić T. Aco, Tabaković N. Slobodan, Zeljković V. Milan Course status: Elective Number of active teaching classes (weekly) Lectures: Practical classes: Other classes: Other teaching types: Study research work: 3 0 3 0 0 Precondition courses None 1. Educational goal: Acquisition of basic knowledge in the areas of individual subsystems (CAD, CAE, CAM and automated flexible technology infrastructures (afts)) CIM systems and of these subsystems into a single CIM system. 2. Educational outcomes (acquired knowledge): Knowledge of computer applications in the field of product design, engineering analysis, and automated programming NUMA systems, and the integration into a single system. 3. Course content/structure: Introduction to computer integrated manufacturing (CIM) and its subsystems. Automatic flexible technology systems, machines, and other structures within the CIM. Automated design of products within the CIM. Engineering analysis of the CIM (finite element systems, automated calculation). Automated programming of machines and complex systems in the CIM. Procedures and standards for connecting subsystems within the CIM. Methodology connection CIM components into a single unit, and software solutions. Characteristic models of computer integrated manufacturing (CIM) 4. Teaching methods: The lectures are held in the form of interactive lectures, laboratory and computer exercises and through consultation. In lectures, theoretical part of the material is illustrated through specific examples. Through laboratory and computer exercises to apply the knowledge gained at rasploživoj equipment. In addition to lectures and exercises are regularly held and consultation. Exam score is based on: the presence of lectures and exercises, and successfully defended FINISHED tasks (three tasks), the success of the Colloquium and the oral part of the exam. Knowledge evaluation (maximum 100 points) Pre-examination obligations Mandatory Points Final exam Mandatory Points Computer exercise attendance 3.00 Written part of the exam - tasks and theory Yes 20.00 Yes 20.00 Oral part of the exam Graphic paper Yes Yes 30.00 Graphic paper 20.00 Yes Laboratory exercise attendance 2.00 Yes Lecture attendance 5.00 Yes Literature Ord. Title Publisher Author Year CAD, CAE, CAMi CIM sistemi-osnove-udžbenik u Zeljković, M., Gatalo, R., Fakultet tehničkih nauka, Novi 2008 1. Borojev, Lj pripremi Sad Arsovski, S., Arsovski, Z., CIM centar, Mašinski fakultet, 2 Razvoj CIM sistema 1995 Perović, M. Gatalo,R.,Rekecki,J.,Zeljkovi Kraquievac Fakultet tehničkih nauka, Novi Fleksibilni tehnološki sistemi za obradu rotacionih 3, ć, M., Borojev, Lj., Hodolič, J. 1989 izradaka, kniiga II Sad Softverska rešanja CAD/CAM sistema Mašinski fakultet, Kragujevac 4 Devedžić, G 2004 Institut za alatne mašine i alate. 5, Kalajdžić, M. Metod konačnih elemenata 1978 Beograd 6, Sekulović, M Metod konačnih elemenata Gradjevinska knjiga, Beograd 1988 Toma, J., Tabaković, S., Povezivanje (integracija) pojedinih komponenti CIM Fakultet tehničkih nauka, Novi 7, 2007 Zeljković, M sistema Sad Prentice Hall, Upper Saddle 8 Rehg, J., A., Kraebber, H., W. Computer-Integrated Manufacturing, Second edition 2001 river, New Jersey



UNIVERSITY OF NOVI SAD

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



Study Programme Accreditation

UNDERGRADUATE ACADEMIC STUDIES

Production Engineering

Course:	:								
Course	id:	P1407			Ma	achine Tools De	signing		
Number	r of ECTS:	7							
Teache	rs:		Tabaković N	I. Slobodan, Z	eljković V	. Milan			
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:
	3	1		2		0		0	
Precond	dition courses			None					
1. Educ	ational goal:								
Masterin	ng the content	in the field o	of tool mach	ines and desig	gning.				
2. Educ	ational outcom	nes (acquire	d knowledge	e):					
	mpetence to c ion systems.	ritically ana	lyze the exi	sting solution	s and syn	thesize the original solut	ions in the field of co	omputer integ	gration of
3. Cours	se content/stru	icture:							
machin transmi machine of mach	e tool compo ssions, hydrau e tool. Other co hine tools. Hyd	nents. Por ulic transmis omponents drostatic su	table mach ssions, pow of machine ipport and le	ine tool struc er transmissi tools. Examin ead. Uniformi	cture and ons and a ation of vit ty of mov	e tools. Define the main of drive system: mechan nuxiliary drives modern n tal parts and assemblies ement of mobile elemen of the vital elements of m	ical conveyors, elem novement. The supp of machine tools. Bas ts of machine tools.	ments of me orting structu sics of modul New concep	echanical ure of the ar design ots in the
	hing methods:								
charact concept of comp	eristic of the r t of substructur conents of mac ce of lectures a	material is i re pojenih m chine tools.	illustrated w nachine tools In addition	vith examples s and machine to lectures an essfully defen	. Through e tool as a d exercise ded uradje	ises, and auditory and the auditory exercises app whole. Through labs app as are regularly held and enog task (a task), the suc	ly the acquired know bly their knowledge to consultation. Exam	vledge in del o analyze the score is base	fining the behavior ed on: the
				Knowledge	evaluation	(maximum 100 points)		1	
	Pre-examina	tion obligati	ons	Mandatory	Points	Final ex		Mandatory	Points
	e attendance			Yes		Written part of the exam	- tasks and theory	Yes	40.00
Graphic	cory exercise at	ttendance		Yes	20.00 3.00	Oral part of the exam		Yes	30.00
	attendance	llenuarice		Yes	5.00				
20010				163	I	ature			
Ord.	Δ	uthor	Ì		Title		Publishe	or l	Year
1,	Gatalo, R., B Zeljković, M.			ičun glavnih ka Ju rezanjem		ka mašina alatki za	Fakultet tehničkih n Sad		1992
2,	Borojev, Lj., Z	Zeljković, M	Mašir meha	ne alatke – pre anički prenosn	ici	uktura mašina alatki –	Fakultet tehničkih n Interno izdanje, Nov		2002
3,	Stanković, P.	·	Mašir	ne alatke 2-Ko du rezanjem	nstrukcior	ni elementi mašina za	Građevinska knjiga		1970
4,	Milačić, V.			ne alatke l			Mašinski fakultet, B	eograd	1980
5,	Milačić, V.			ne alatke II			Mašinski fakultet, B	eograd	1981
6,	Stanković, P.		analiz	ze mašina za (obradu rez	e i eksploatacione zanjem	Građanska knjiga, I	Beograd	1970
7,	Mečanin, V.		Alath	e masine sa n	umeričkim				
	wecanin, v.		uprav	/lianiem		n i kompjuterskim	Mašinski fakultet, K	raljevo	1997
8,	Acherkan, N.	,S		<u>/ljanjem</u> iine tool desig		n i kompjuterskim	Mašinski fakultet, K Mir publishers, Mos	,	
8, 9,			Mach Werk	ine tool desig	n en 2-Kons	truktion und Berechnung	,	cow	1997



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

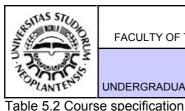


Study Programme Accreditation

UNDERGRADUATE ACADEMIC STUDIES

Production Engineering

Course:									
Course	id:	P1502A				Tribology			
Number	of ECTS:	6							
Teache	-		Sovilj N. Bo	ogdan					
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	asses:
	3	C)	3		C		0	
Precond	lition courses			None					
1. Educ	ational goal:								
Acquirin	g fundamenta	l knowledg	e in the field	of tribology.					
2. Educ	ational outcom	nes (acquire	ed knowledg	e):					
	d knowledge s ogical systems		ole tribologic	ally correct con	stuctionin	g of elements of tribologi	cal systems, trobolog	y and tribodia	agnostical
3. Cours	se content/stru	icture:							
of tribol Lubrica	ogical process nts. Tribologica	ses, fundar ally correct	mental elem	ents of tribome ning. Energy a	echanical nd materia	ch to tribological problem systems. Fundamentals al saving with the aid of t n of process systems.	of maintanance and	technical dia	agnostics.
4. Teac	ning methods:								
present	ed with charac	cteristic exa	amples for b		nding of s	atory and computer prac ubject content. Practical ularly.			
				Knowledge e	evaluation	(maximum 100 points)			
	Pre-examina	tion obliga	tions	Mandatory	Points	Final e	xam	Mandatory	Points
Laborat	ory exercise at	ttendance		Yes	5.00	Written part of the exam	- tasks and theory	Yes	30.00
	attendance			Yes		Oral part of the exam		Yes	30.00
Project				Yes	15.00				
Project	lask			Yes	15.00	- 4			
Ord	۸					ature	Dublish		Veer
Ord.		uthor	Podl	oge za predava	Title ania – trib	ologija i alati za CIM	Publishe	er.	Year
1,	Sovilj, B.		siste				Autorsko izdanje		2012
2,	lvkivić, B., Ra	ac, A.	Tribo	ologija			Jugoslovensko druš tribologiju, Kragujev		1995
3,	Tanasijević, S	S.	Tribo	ološki ispravno	konstruisa	anje	Mašinski fakultet, K		2004
4,	Savić, B.		Tribo	ologija i podma	zivanje		Izdavačka kuća IKC Sad	DS, Novi	1995
5,	lvković, B., R	lac, A.	Tribo	ologija i tehnolo	ogija podrr	nazivanja	Studio plus, Beogra	nd	1995
6,	Babić, M.		Mon	itoring ulja za p	odmaziva	inje	Mašinski fakultet, K	ragujevac	2004



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



Study Programme Accreditation

UNDERGRADUATE ACADEMIC STUDIES

Production Engineering

Course: Technological Logistics and Entrepreneurship Course id: P1503 Number of ECTS: 6 Teachers: Todić V. Velimir, Milošević P. Mijodrag Course status: Elective Number of active teaching classes (weekly) Other teaching types: Lectures: Practical classes: Study research work: Other classes: 3 1 2 0 0 Precondition courses None 1. Educational goal: Introducing students to the basic role and tasks of technological logistic and entrepreneurship in production systems. 2. Educational outcomes (acquired knowledge): Acquired knowledge enables quality solution to fundamenatal assignments of technological logistics and entrepreneurship. 3 Course content/structure Introduction. Tasks technological logistics in preparation of production. Place and significance of techno-economical optimization in technical production preparation. Techno-economical optimization methods. Analitical and experimental methods. Simulation methods. Fundamentals development and optimization of design products. Elements of product guality. Qualitative and guantitative manufacturability. DfX, DfMA. Methods of multicriteria evaluation of products. Process plan as optimization objects. Variational model for optimization of process plans. Automated systems for optimization of process plans. Fundamental tasks operational process planning of production. Optimal works arangement on manufacturing systems. Optimal workers arrangement on work stations. Manufacturing resources calculation. Manufacturing normatives. Manufacturing resources area calculation. Optimal technological equipment arrangement. Application of modern programme systems in simulation of manufacturing processes. Entrepreneurshipm forms in society. Entrepreneurship and entrepreneurs. The entrepreneurial process. Selection and creation of business plan and marketing. Making business and financial plan. Marketing plan. Management of manufacturing systems. 4. Teaching methods: Teaching is performed in the form of lectures, auditory and laboratory and computer exercices, consultations and company visits. During lectures theoretical part is presented with appropriate practical examples. Within auditory exercices work assignents, as well as appropiate graphic works. On laboratory exercises practically apply their acquired knowledge on the available laboratory equipment. In order to expand practical knowledge, various companies are visited. Within computer pratical classes performed training students in the application of inforamtion technology in the teaching observed field. Besides, regularly consultations are held in order to move closer teaching material and making appropriate graphic works. Knowledge evaluation (maximum 100 points) Pre-examination obligations Mandatory Points Final exam Mandatory Points Exercise attendance 5.00 Written part of the exam - tasks and theory Yes Yes 30.00 Graphic paper 20.00 Coloquium exam Yes Yes 20.00 Lecture attendance 5.00 Coloquium exam 20.00 Yes Yes Literature Ord. Title Publisher Year Author Fakultet tehničkih nauka, Novi Todić, V., Penezić, N., Lukić, 1, Tehnološka logistika i preduzetništvo 2011 D., Milošević, M. Sad Fakultet tehničkih nauka, Novi 2, Projektovanje i optimizacija tehnoloških procesa 2000 Todić, V., Banjac, D. Sad Osnove optimizacije tehnoloških procesa izrade i Fakultet tehničkih nauka, Novi 3. Todić, V., Stanić, J. 2002 konstrukcije proizvoda Sad Fakultet za menadžment, 4 Paunović, S. Preduzetništvo-od biznis ideje do realizacije 1998 Beograd 2003 5 Krstić, J. Biznis plan Prometej, Novi Sad 6. Law, A.M., Kelton, W.D. Simulation Modeling and Analysis McGraw-Hill, New York 2000



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



Production Engineering

Study Programme Accreditation

UNDERGRADUATE ACADEMIC STUDIES

Course:									
Course	id:	M2411				Theory of Oscill	ation		
Number	of ECTS:	5							
Teacher	rs:		Cvetićanin J.	Livija, Zukov	ić M. Mioo	drag			
Course	status:		Elective						
Number	of active teac	hing classe	s (weekly)						
Le	ectures:	Practical	classes:	Other teachi	ng types:	Study resea	arch work:	Other cla	isses:
	2	2		0		0		0	
Precond	lition courses			None		•			
1. Educa	ational goal:								
To acqu	ire basic know	ledge in the	e theory of os	cillation and i	n the phe	nomena of oscillatory mot	ion.		
2. Educa	ational outcom	es (acquire	d knowledge):					
To acqu	iire knowledge	necessary	for a modern	mechanical	engineer.				
3. Cours	se content/stru	cture:							
one deg circular the one Heavisio system. Resona stability	ree-of-freedor frequencies. C degree-of-fre de forces. Kin Integration of nce. Dynamic	n system. I Curled and t eedom syst etic and po the motion buffer. Infl ansversal o	Lagrange equ ransversal of tem. Forced otential energ equation of the luence of visions of	uations for mo scillations of r oscillations i gy of the two he two degree cous friction f a string. Lor	otion of th nassive gi n the one degree-c e-of-freede on small o ngitudinal	dom of motion. Equivalen e one degree-of-freedom irders. Free oscillations w e-degree-of-freedom sys of-freedom system. Lagra om system. Forced oscilla oscillations in the two de oscillations of a beam. (radox.	system. Riley's proc ith viscous friction for tem. Forced oscillat ange motion equation tions of the two degr gree-of-freedom sys	edure for de ce and slidin ions under E ns for the tw ee-of-freedon tem. Definitio	termining g force in Dirak and o degree n system. on on the
4. Teach	hing methods:								
Lectures	s and practice.								
				Knowledge e	evaluation	(maximum 100 points)			
	Pre-examina	tion obligat	ions	Mandatory	Points	Final ex	am	Mandatory	Points
Exercise	e attendance			Yes	15.00	Written part of the exam	- tasks and theory	Yes	30.00
Lecture	attendance			Yes	15.00	Coloquium exam		Yes	30.00
						Oral part of the exam		Yes	10.00
					Liter	ature			
Ord.	A	uthor			Title	9	Publishe	er	Year
1,	B, Vujanović		Oscila	,			FTN		1995
2,	I.V. Meščersł	ci	Zbirka	i zadataka iz	mehanike		Naučna knjiga		1995



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



Study Programme Accreditation

UNDERGRADUATE ACADEMIC STUDIES

Production Engineering

Course:	:								
Course	id:	P1410			Vir	tual Product De	signing		
Number	of ECTS:	6							
Teacher	rs:		Tabaković	N. Slobodan, Z	eljković V	. Milan			
Course	status:		Elective						
Number	of active teac	hing classe	es (weekly)						
L	ectures:	Practical	classes:	Other teachi	ng types:	Study resea	arch work:	Other cla	asses:
	3	()	3		0		0	
Precond	dition courses	•		None		•			
1. Educa	ational goal:			,					
Acquirin	ng knowledge i	n the field	of product d	lesigning in virtu	ual reality.				
2. Educ	ational outcom	nes (acquire	ed knowled	ge):					
Acquirin	ng knowledge o	on product	simulation of	of mamaging pro	ogrammes	s for product creation on N	NU machines in virtua	l reality.	
3. Cours	se content/stru	icture:							
incomin	ig and outgoii	ng devices	. Compute	r equipment fo	r virťual r	eraction in real time, sin eality. Designing parts a Jation for parts creatior	and assembleys in v	rirtual reality	. Product
4. Teacl	hing methods:								
theoretic appropr practica consulta	cal part is pre riate projects al classes stu ations are held	sented with and semin dents are for the pu	n appropriat ar papers. taouth to u rpose of cla	te practical exa In order to exp use infromation rification of subj	mples. Du band prace technolo ject conter	practical classes, consult rring auditory practical cla tical knowledge, various ogies in the field of the nt and help elaboration of project and seminar pape	asses excercises are companies are visi subject content. Ap projects and semina	e performed a ted. During of a ted. During of a ted.	as well as computer t regular
				Knowledge e	evaluation	(maximum 100 points)			
	Pre-examina	ation obliga	tions	Mandatory	Points	Final ex	kam	Mandatory	Points
•	er exercise att	tendance		Yes	5.00	Written part of the exam	 tasks and theory 	Yes	30.00
Graphic				Yes	20.00	Oral part of the exam		Yes	40.00
Lecture	attendance			Yes	5.00				
						ature			
Ord.	A	uthor			Title		Publishe		Year
1,	Zeljković, M.	i dr.	Virt	uelno projektova	anje proizv	voda, skripta (u pripremi)	Fakultet tehničkih n Sad	auka, NOVI	2008
2,	Grosman, K.		_	Realitat im Virtu			Technische Univers Dresden	sitat	1998
3,	Sherman, W	.,R., Craig,		lerstading Virtua design	al Reality,	interface, application	Morgan Kaufmann	Publishers	2003
4,	Dongmin, K.,	Salim, H.	Virt	ual Computing:	Concept,	Design, and Evaluation	Springer		2001



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

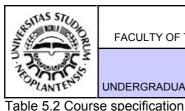
Study Programme Accreditation

UNDERGRADUATE ACADEMIC STUDIES

Production Engineering



	:								
Course	id:	- P2401		Ac	lvance	ed Methods in M	letal Forming		
Numbe	r of ECTS:	7							
Teache	ers:		Plančak E. I	Miroslav, Viloti	ć Ž. Dragi	ša			
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:
	3	()	3		0		0	
Precon	dition courses		<u> </u>	None		ł			
1. Educ	ational goal:								
	Ũ	o modern t	echnologies (of metal formir	ng, includii	ng all relevant elements o	f production and tech	inology syster	m.
2. Educ	cational outcom	nes (acquir	ed knowledge	e):					
						of modern methods of m mologies as well as the p			
3. Cour	se content/stru	ucture:							
		oulk metal t	forming Net	Shane Formi	an and Na				
forming	g. "Tailored bla	ents (gear). anks" (tailo	Multiphase over the sheets (lesign. Microfo and forming.	orming. Th Fine blan	ear Net Shape Forming. hixo-forming. Hydroformin king. Spinning. Profile ro es in metal forming.	g of pipes. Modern m	nethods of she	eet metal
forming design 4. Teac Lecture the use comput materia	 g. "Tailored bla of car body p shing methods: es. Computer e of modern eq ter exercises, v 	ents (gear). anks" (tailc arts and bi exercises. (uipment wi which follow	Multiphase of ored sheets) ig parts in ge Consultation. ith the develo	lesign. Microfo and forming. meral. CIM te Homework as pment of typio , specialized s	orming. Th Fine blan chnologie ssignment cal examp software is	nixo-forming. Hydroformin king. Spinning. Profile ro	ng of pipes. Modern m biling. Formability of ed combined. The the the clarification of th casks are done, and d	nethods of she materials. Mu eoretical part neoretical lect leepens the p	presents tures. On presented
forming design 4. Teac Lecture the use comput materia	 g. "Tailored bla of car body p ching methods: es. Computer e ef modern eq ter exercises, v al from the lect 	ents (gear). anks" (tailc arts and bi exercises. (uipment wi which follow	Multiphase of ored sheets) ig parts in ge Consultation. ith the develo	lesign. Microfo and forming. eneral. CIM te Homework as pment of typio , specialized s nments are us	orming. Th Fine blan chnologie ssignment cal examp software is sed for the	hixo-forming. Hydroformin king. Spinning. Profile ro in metal forming. ts. Lectures are conducted bles of which contribute to is taught and appropriate t	ng of pipes. Modern m biling. Formability of ed combined. The the the clarification of th casks are done, and d	nethods of she materials. Mu eoretical part neoretical lect leepens the p	presents tures. On presented
forming design 4. Teac Lecture the use comput materia	 g. "Tailored bla of car body p ching methods: es. Computer e ef modern eq ter exercises, v al from the lect 	ents (gear). anks" (tailc arts and bi exercises. (uipment wi vhich follov tures. Hom	Multiphase of ored sheets) g parts in ge Consultation. ith the develo v the lectures nework assig	lesign. Microfo and forming. eneral. CIM te Homework as pment of typio , specialized s nments are us	orming. Th Fine blan chnologie ssignment cal examp software is sed for the	hixo-forming. Hydroformin king. Spinning. Profile ro is in metal forming. ts. Lectures are conducted bles of which contribute to a taught and appropriate t e elaboration of certain t	ng of pipes. Modern m olling. Formability of ed combined. The the o the clarification of th casks are done, and d opics and review of	nethods of she materials. Mu eoretical part neoretical lect leepens the p	presents tures. On presented
forming design 4. Teac Lecture the use comput materia subject Laborat	g. "Tailored bla of car body p shing methods: es. Computer e e of modern eq ter exercises, v al from the lect matter. Pre-examina tory exercise a	ents (gear). anks" (tailc arts and bi exercises. (uipment wi which follov tures. Hom ation obliga	Multiphase of ored sheets) g parts in ge Consultation. ith the develo v the lectures nework assig	lesign. Microfo and forming. eneral. CIM te Homework as pment of typic , specialized s nments are us Knowledge e	orming. Th Fine blan chnologie ssignment cal examp software is sed for the evaluation Points 5.00	hixo-forming. Hydroformin king. Spinning. Profile ro es in metal forming. ts. Lectures are conducted bles of which contribute to a taught and appropriate t e elaboration of certain t (maximum 100 points) Final exam - part one	ng of pipes. Modern m olling. Formability of ed combined. The the o the clarification of th casks are done, and d opics and review of	nethods of she materials. Mu eoretical part neoretical lect leepens the p certain aspec	eet metal ultiphase presents tures. On oresented cts of the
forming design 4. Teac Lecture the use comput materia subject Laborat Lecture	g. "Tailored bla of car body p ching methods: es. Computer et e of modern eq ter exercises, v al from the lect matter. Pre-examina tory exercise a e attendance	ents (gear). anks" (tailc arts and bi exercises. (uipment wi which follov tures. Hom ation obliga	Multiphase of ored sheets) g parts in ge Consultation. ith the develo v the lectures nework assig	lesign. Microfo and forming. eneral. CIM te Homework as pment of typio , specialized s nments are us Knowledge e Mandatory Yes Yes	orming. Th Fine blan chnologie ssignment cal examp software is sed for the evaluation Points 5.00 5.00	hixo-forming. Hydroformin king. Spinning. Profile ro is in metal forming. ts. Lectures are conducted bles of which contribute to a taught and appropriate t e elaboration of certain t (maximum 100 points) Final exam - part one Final exam - part two	ng of pipes. Modern m billing. Formability of ed combined. The the o the clarification of th asks are done, and d opics and review of xam	eoretical part heoretical part heoretical lect leepens the p certain aspec Mandatory No No	presents tures. On resented cts of the Points 35.00 35.00
forming design 4. Teac Lecture the use comput materia subject Laborat	g. "Tailored bla of car body p ching methods: es. Computer et e of modern eq ter exercises, v al from the lect matter. Pre-examina tory exercise a e attendance	ents (gear). anks" (tailc arts and bi exercises. (uipment wi which follov tures. Hom ation obliga	Multiphase of ored sheets) g parts in ge Consultation. ith the develo v the lectures nework assig	lesign. Microfo and forming. eneral. CIM te Homework as pment of typio , specialized s nments are us Knowledge e Mandatory Yes	orming. Th Fine blan chnologie ssignment cal examp software is sed for the evaluation Points 5.00 5.00 20.00	hixo-forming. Hydroformin king. Spinning. Profile ro is in metal forming. ts. Lectures are conducted les of which contribute to a taught and appropriate t e elaboration of certain t (maximum 100 points) Final exam - part one Final exam - part two Written part of the exam	ng of pipes. Modern m billing. Formability of ed combined. The the o the clarification of th asks are done, and d opics and review of xam	eoretical part neoretical part neoretical lect leepens the p certain aspec Mandatory No	presents tures. On presented cts of the Points 35.00
forming design 4. Teac Lecture the use comput materia subject Laborat Lecture Term pa	g. "Tailored bla of car body p shing methods: es. Computer e e of modern eq ter exercises, v al from the lect matter. Pre-examina tory exercise a e attendance aper	ents (gear). anks" (tailc arts and bi exercises. (uipment wi vhich follov tures. Hom ation obliga ttendance	Multiphase of ored sheets) g parts in ge Consultation. ith the develo v the lectures nework assig	lesign. Microfo and forming. eneral. CIM te Homework as pment of typio , specialized s nments are us Knowledge e Mandatory Yes Yes	orming. Th Fine blan chnologie ssignment cal examp software is sed for the evaluation Points 5.00 5.00 20.00 Liter	hixo-forming. Hydroformin king. Spinning. Profile ro is in metal forming. ts. Lectures are conducted bles of which contribute to a taught and appropriate t e elaboration of certain t (maximum 100 points) Final exam - part one Final exam - part two Written part of the exam ature	ng of pipes. Modern m olling. Formability of ed combined. The the pothe clarification of the asks are done, and do opics and review of xam	eoretical part neoretical part neoretical lect leepens the p certain aspect Mandatory No No Yes	presents tures. On presented cts of the Points 35.00 35.00 70.00
forming design 4. Teac Lecture the use comput materia subject Laborat Lecture Term pa Ord.	g. "Tailored bla of car body p shing methods: es. Computer et e of modern eq ter exercises, v al from the lect matter. Pre-examina tory exercise a e attendance aper	ents (gear). anks" (tailc arts and bi exercises. (uipment wi which follow tures. Hom ation obliga ttendance	Multiphase cored sheets) ig parts in get Consultation. the develor v the lectures rework assigned tions	lesign. Microfo and forming. eneral. CIM te Homework as pment of typio , specialized s nments are us Knowledge e Mandatory Yes Yes Yes	orming. Th Fine blan chnologie ssignment cal examp software is sed for the evaluation Points 5.00 5.00 20.00 Liter Title	hixo-forming. Hydroformin king. Spinning. Profile ro is in metal forming. ts. Lectures are conducted bles of which contribute to a taught and appropriate t e elaboration of certain t (maximum 100 points) Final exam - part one Final exam - part two Written part of the exam ature	ed combined. The the o the clarification of the asks are done, and do opics and review of xam - tasks and theory Publishe	eoretical part neoretical part neoretical lect leepens the p certain aspect Mandatory No No Yes	presents tures. On presented cts of the Points 35.00 35.00 70.00 Year
forming design 4. Teac Lecture the use comput materia subject Laborat Lecture Term pa Ord. 1,	g. "Tailored bla of car body p shing methods: es. Computer e e of modern eq ter exercises, v al from the lect matter. Pre-examina tory exercise a e attendance aper Plančak, M.,	ents (gear). anks" (tailc arts and bi exercises. (uipment wi which follow tures. Hom ation obliga ttendance	Multiphase c ored sheets) ig parts in ge Consultation. th the develor v the lectures lework assig tions	lesign. Microfo and forming. eneral. CIM te Homework as pment of typid , specialized s nments are us Knowledge e Mandatory Yes Yes Yes Ologija plastiči	orming. Th Fine blan chnologie ssignment cal examp software is sed for the evaluation Points 5.00 5.00 20.00 Liter Title	hixo-forming. Hydroformin king. Spinning. Profile ro is in metal forming. ts. Lectures are conducted bles of which contribute to a taught and appropriate t e elaboration of certain t (maximum 100 points) Final exam - part one Final exam - part two Written part of the exam ature	ed combined. The the o the clarification of the asks are done, and do opics and review of xam - tasks and theory Publishe FTN, Novi Sad	eoretical part neoretical part neoretical lect leepens the p certain aspect Mandatory No No Yes	presents tures. On resented cts of the Points 35.00 35.00 70.00 Year 2012
forming design 4. Teac Lecture the use comput materia subject Laborat Lecture Term pa Ord.	g. "Tailored bla of car body p shing methods: es. Computer et e of modern eq ter exercises, v al from the lect matter. Pre-examina tory exercise a e attendance aper	ents (gear). anks" (tailc arts and bi exercises. (uipment wi vhich follov tures. Hom ation obliga ttendance	Multiphase c ored sheets) ig parts in ge Consultation. th the develor v the lectures leework assig tions tions Tehn Umfc Ende	lesign. Microfo and forming. eneral. CIM te Homework as pment of typid , specialized s nments are us Knowledge e Mandatory Yes Yes Yes Ologija plastiči rmtechnik IV igenshattsnah	priming. The Fine blan chnologie ssignment cal examp software is sed for the evaluation Points 5.00 5.00 20.00 Liter Title nog deform	hixo-forming. Hydroformin king. Spinning. Profile ro is in metal forming. ts. Lectures are conducted bles of which contribute to a taught and appropriate t e elaboration of certain t (maximum 100 points) Final exam - part one Final exam - part two Written part of the exam ature	ed combined. The the o the clarification of the asks are done, and do opics and review of xam - tasks and theory Publishe	eoretical part neoretical part neoretical lect leepens the p certain aspect Mandatory No No Yes	presents tures. On presented cts of the Points 35.00 35.00 70.00 Year
forming design 4. Teac Lecture the use comput materia subject Laborat Lecture Term pa Ord. 1, 2,	g. "Tailored bla of car body p thing methods: es. Computer e of modern eq ter exercises, v al from the lect matter. Pre-examina tory exercise a e attendance aper Plančak, M., Lange, K.	ents (gear). anks" (tailc arts and bi exercises. (uipment wi which follow tures. Hom ation obliga ttendance Author Vilotić, D.	Multiphase c ored sheets) ig parts in ge Consultation. th the develor v the lectures nework assign tions	lesign. Microfo and forming. eneral. CIM te Homework as pment of typio , specialized s nments are us Knowledge e Mandatory Yes Yes Yes Ologija plastiči rmtechnik IV	priming. The Fine blan chnologie ssignment cal examp software is sed for the evaluation Points 5.00 20.00 Liter Title nog deform e Formge er	hixo-forming. Hydroformin king. Spinning. Profile ro is in metal forming. ts. Lectures are conducted bles of which contribute to a taught and appropriate t e elaboration of certain t (maximum 100 points) Final exam - part one Final exam - part two Written part of the exam ature e misanja	ed combined. The the othe clarification of the casks are done, and do opics and review of xam - tasks and theory Publishe FTN, Novi Sad Stuttgart	eoretical part neoretical part neoretical lect leepens the p certain aspect Mandatory No No Yes	Presents ures. On presented cts of the Points 35.00 35.00 70.00 Year 2012 1975



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



Study Programme Accreditation

UNDERGRADUATE ACADEMIC STUDIES

Production Engineering

Course: Designing of Thermal Processing Technologies Course id: P2402 Number of ECTS: 6 Teachers: Kakaš I. Damir, Škorić N. Branko Course status: Elective Number of active teaching classes (weekly) Lectures: Practical classes: Other classes: Other teaching types: Study research work: 3 0 3 0 0 Precondition courses None 1. Educational goal: The main objective of the course is to acquire knowledge on the types of optimization methods and the possibilities for their application in solving problems in power engineering systems. 2. Educational outcomes (acquired knowledge): Knowledge on the models and problems in the application of static optimization methods. Knowledge on the models and problems in the application of numerical methods. Knowledge on the models and problems in the application of dynamic programming methods. Knowledge on the models and problems in the application of global optimization methods. 3. Course content/structure: Fundamentals in optimization. Graphic optimization methods. Static optimization methods. Linear and network programming: linear programming, primal and dual Simplex method, interior point method, transport problem, etc. Nonlinear programming: minimization of function in certain direction, etc. Numerical methods for solving optimal management: gradient method, Newton-Raphson method, etc. Dynamic programming in power engineering (discrete dynamic programming problem, solving discrete dynamic programming, typical examples of dynamic programming). Lagrange methods (problems and examples of application, comparison with linear programming). Global optimization: genetic algorithm. Part of the course is conducted through individual research and study work in the field of optimization methods in power engineering. The study and research work is based on active study of primary scientific sources, organization and performance of experiments and statistic data processing, numerical simulations, and writing a paper in the narrow scientific area within the topic of the Doctoral dissertation. 4. Teaching methods: Lectures. Study and research. Knowledge evaluation (maximum 100 points) Pre-examination obligations Mandatory Points Final exam Mandatory Points Homework 10.00 Oral part of the exam Yes 45.00 Yes Homework 35.00 Yes Laboratory exercise attendance 5.00 Yes Lecture attendance 5.00 Yes Literature Ord. Author Title Publisher Year Pantelić, I. Radivoj Ćirpanov, Novi Sad 1974 1, Tehnologija termičke obrade čelika 1 Pantelić, I. 2, Tehnologija termičke obrade čelika 2 Radivoj Ćirpanov, Novi Sad 1974 Svenčanski, A. D. Proračun električnih peći 1975 3, Energija, Moskva 4, Grupa autora Source Book on Heat Treating - Volume II American Society for Metals 1975 5, K.E. Thelning Steel and its Heat Treatment Butterworth 1978 V.P. Isačenko, V.A. Osipova 6, Teplo peredača Energia, Moskva 1975 A.S. Sukomel A.G. Hotchkiss and H. M. 7, Protective atmospheres John Wiley and sons, New York 1953 Webber



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

Study Programme Accreditation

The second

UNDERGRADUATE ACADEMIC STUDIES

Production Engineering

Table 5.2 Course specification Course: Contemporary Casting Technologies Course id: P2403 Number of ECTS: 6 Teachers: Kakaš I. Damir, Škorić N. Branko Course status: Elective Number of active teaching classes (weekly) Lectures: Practical classes: Study research work: Other classes: Other teaching types: 3 0 3 0 0 Precondition courses None 1. Educational goal: Introducing students with the contemporaty casting technologies. 2. Educational outcomes (acquired knowledge): Students attending the course will gain necessary knowledge to manage technology department of modern foundries in order to produce parts of top quality. Student will be able to use latest computer methods including the filling and solidification simulations. 3. Course content/structure: Viscosity and fluidity. Castability. Gating and risering system design. Casting solidification. Residual stresses. Casting simulations. Casting defect analysis. Casting of magnesium alloys. Casting of titanium alloys. Lost foam casting. 4. Teaching methods: Lecture forms: lectures, auditory, laboratory and computer practical classes, consultations. Knowledge evaluation (maximum 100 points) Pre-examination obligations Mandatory Points Final exam Mandatory Points Complex exercises 40.00 Oral part of the exam Yes 40.00 Yes Homework 10.00 Yes Laboratory exercise attendance 5.00 Yes Lecture attendance 5.00 Yes Literature Title Ord. Author Publisher Year Kočovski, B Tehnički fakultet, Bor 1994 1, Teorija livarstva 2, Campbell, J Castings Practice: The Ten Rules of Castings 1991 Elsevier 3, Vinarcik, E. J. High integrity die casting processes John Wiley&Sons 2003 4, Analysis of Casting Defects American Foundry Society 2002 Grupa autora 5. Mervin T Rowley International atlas of casting defects American Foundry Society 1999 Fakultet tehničkih nauka, Novi 2002 6, Tehnologija izrade odlivaka Kovač, R. S<u>ad</u>



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



Study Programme Accreditation

UNDERGRADUATE ACADEMIC STUDIES

Table 5.2 Course specification

Production Engineering

	:										
Course	id:	P2409	Modern Joining Technologies - 1								
Numbe	er of ECTS:	4									
Teache	er:	Ba	Baloš S. Sebastian								
Course	status:	El	ective								
Numbe	er of active teac	hing classes ((weekly)								
L	_ectures:	Practical cla	asses:	Other teaching types: Study res			arch work:	Other cla	asses:		
2 0				2			0		0		
Precon	dition courses					-					
1. Educ	cational goal:										
Obtaini	ng the knowled	dge in modern	material j	pining technolo	ogies.						
2. Educ	cational outcom	nes (acquired	knowledge	e):							
Knowle	edge obtained is	s applied in co	onventiona	l and unconve	entional join	ing technologies.					
3. Cour	rse content/stru	icture:									
Hoat pr	noncesses in wol	Idina Wolding	motallura	v of stool and	non forroug	e motale Woldahility of	stool and non forrous	motale Calo	ulation (
	rocesses in wel g parameters.C				non-ferrous	s metals. Weldability of	steel and non-ferrous	metals. Calc	ulation c		
welding		alculation of v			non-ferrous	s metals. Weldability of s	steel and non-ferrous	metals. Calc	ulation o		
welding 4. Teac	g parameters.C ching methods:	alculation of v	velding de	formations.							
welding 4. Teac Lecture approp	g parameters.C ching methods: es are interact priate engineer	alculation of v tive, along wi ring example	ith auditors that allo	formations. ial and leboration for the second s	atory exerc	cise. Lectures compris rstanding. Auditorial a	e of the theoretical nd laboratory exerci	part accomp ses profoun	anied b d lectur		
welding 4. Teac Lecture approp knowle	g parameters.C ching methods: es are interact priate engineer edge, using lab	alculation of v tive, along wi ring example	ith auditors that allo	formations. ial and leboration for the second s	atory exerc	cise. Lectures compris	e of the theoretical nd laboratory exerci	part accomp ses profoun	anied b d lectur		
welding 4. Teac Lecture approp knowle	g parameters.C ching methods: es are interact priate engineer	alculation of v tive, along wi ring example	ith auditors that allo	formations. rial and lebora ow more effect nsultations are	atory exerc ctive under e regularly	cise. Lectures compris rstanding. Auditorial a held. Grades are base	e of the theoretical nd laboratory exerci	part accomp ses profoun	anied b d lectur		
welding 4. Teac Lecture approp knowle	g parameters.C ching methods: es are interact riate engineer dge, using lab c exam.	alculation of v tive, along wi ring example	ith auditor s that allo	formations. rial and lebora ow more effect nsultations are	atory exerc ctive under e regularly evaluation (cise. Lectures compris rstanding. Auditorial a	e of the theoretical nd laboratory exerci d on lecture and exe	part accomp ses profoun	panied b d lectur ance an		
welding 4. Teac Lecture approp knowle	g parameters.C ching methods: es are interact oriate engineer dge, using lab c exam. Pre-examina	calculation of v tive, along wi ring example oratory equip	ith auditor s that allo	formations. rial and lebora ow more effect nsultations are Knowledge e	atory exerc ctive under e regularly evaluation (Points	cise. Lectures compris rstanding. Auditorial an held. Grades are base maximum 100 points)	e of the theoretical nd laboratory exerci d on lecture and exe kam	part accomp ses profoun ercise attenda	anied b d lectur ance an Points		
welding 4. Teac Lecture approp knowle classsi Homew	g parameters.C ching methods: es are interact oriate engineer odge, using lab c exam. Pre-examina vork	calculation of v tive, along wi ring example oratory equip	ith auditor s that allo	formations. rial and lebora w more effect nsultations are Knowledge e Mandatory	atory exerc ctive under e regularly evaluation (Points	cise. Lectures compris rstanding. Auditorial a held. Grades are base maximum 100 points) Final es	e of the theoretical nd laboratory exerci d on lecture and exe kam	part accomp ses profoun ercise attenda Mandatory	anied b		
welding 4. Teac Lecture approp knowle classsi Homew	g parameters.C ching methods: es are interact oriate engineer odge, using lab c exam. Pre-examina vork	calculation of v tive, along wi ring example oratory equip	ith auditor s that allo	formations. rial and lebora ow more effect nsultations are Knowledge e Mandatory Yes	atory exerc ctive under e regularly evaluation (Points 10.00 T	cise. Lectures compris rstanding. Auditorial an held. Grades are base maximum 100 points) Final ex Theoretical part of the ex	e of the theoretical nd laboratory exerci d on lecture and exe kam	part accomp ses profoun ercise attenda Mandatory	panied b d lecture ance and Points		
welding 4. Teac Lecture approp knowle classsi Homew	g parameters.C ching methods: es are interact oriate engineer odge, using lab c exam. Pre-examination vork aper	calculation of v tive, along wi ring example oratory equip	ith auditor s that allo	formations. rial and lebora ow more effect nsultations are Knowledge e Mandatory Yes	atory exerc ctive under e regularly evaluation (Points 10.00 T 20.00	cise. Lectures compris rstanding. Auditorial an held. Grades are base maximum 100 points) Final ex Theoretical part of the ex	e of the theoretical nd laboratory exerci d on lecture and exe kam	part accomp ses profoun ercise attenda Mandatory Yes	anied b d lectur ance an Points		
welding 4. Teac Lecture approp knowle classsiv Homew Term p	g parameters.C ching methods: es are interact oriate engineer odge, using lab c exam. Pre-examination vork aper	tive, along wi ring example oratory equip ation obligation	velding de ith auditor s that allo oment. Cor	formations. rial and lebora ow more effect nsultations are Knowledge e Mandatory Yes	atory exerc ctive under e regularly evaluation (Points 10.00 7 20.00 Litera	cise. Lectures compris rstanding. Auditorial an held. Grades are base maximum 100 points) Final ex Theoretical part of the ex	e of the theoretical nd laboratory exerci d on lecture and exe kam	part accomp ses profoun ercise attenda Mandatory Yes	anied b d lectur ance an Points 70.0		
welding 4. Teac Lecture approp knowle classsic Homew Term p Ord.	g parameters.C ching methods: es are interact oriate engineer odge, using lab c exam. Pre-examina vork aper A Palić, V.	tive, along wi ring example oratory equip ation obligation	velding de ith auditor s that allo oment. Cor ns Zava	formations. rial and lebora ow more effect nsultations are Knowledge e Mandatory Yes Yes Yes	atory exerc ctive under e regularly evaluation (Points 10.00 T 20.00 Litera Title	cise. Lectures compris rstanding. Auditorial an held. Grades are base maximum 100 points) Final ex Theoretical part of the ex	e of the theoretical nd laboratory exerci d on lecture and exe kam cam Publishe Fakultet tehničkih n Sad Fakultet tehničkih n Sad	part accomp ses profoun ercise attenda Mandatory Yes er auka - Novi auka, Novi	Panied b d lectur ance an Points 70.0 Year		
welding 4. Teac Lecture approp knowle classsic Homew Term p Ord. 1,	g parameters.C ching methods: es are interact oriate engineer odge, using lab c exam. Pre-examinativork aper Palić, V. Sabo, B. Sabo, B. i dr.	tive, along wi ring example poratory equip ation obligation	velding de ith auditor s that allo oment. Cor ns Zava Zava Zava	formations. rial and lebora ow more effect nsultations are Knowledge e Mandatory Yes Yes Yes	atory exerc ctive under e regularly evaluation (Points 10.00 T 20.00 Litera Title era iz zava	cise. Lectures compris rstanding. Auditorial a held. Grades are base maximum 100 points) Final e Theoretical part of the ex ture	e of the theoretical nd laboratory exerci d on lecture and exe kam cam Publishe Fakultet tehničkih n Sad Fakultet tehničkih n	part accomp ses profoun ercise attenda Mandatory Yes er auka - Novi auka, Novi	Points Points 70.0 Year 1987		
welding 4. Teac Lecture approp knowle classsic Homew Term p Ord. 1, 2,	g parameters.C ching methods: es are interact oriate engineer odge, using lab c exam. Pre-examinativork aper Palić, V. Sabo, B. Sabo, B. i dr.	tive, along wi ring example oratory equip ation obligation suthor	velding de ith auditor s that allo oment. Con ns Zava Zbirk Zava	formations. ial and lebora w more effect nsultations are Knowledge e Mandatory Yes Yes rivanje a rešenih prim	atory exerc ctive under e regularly evaluation (Points 10.00 7 20.00 Litera Title era iz zava ućih čelika -	cise. Lectures compris rstanding. Auditorial an held. Grades are base maximum 100 points) Final es Theoretical part of the ex ture rivanja - skripta	e of the theoretical nd laboratory exerci d on lecture and exe kam am Publishe Fakultet tehničkih n Sad Fakultet tehničkih n Sad Novosadski sajam l Sad SMEITS i ZZZ Beog	part accomp ses profoun ercise attenda Mandatory Yes er auka - Novi auka , Novi DD - Novi	Points Points 70.0 Year 1987 2003		
Welding 4. Teac Lecture approp knowle classsic Homew Term p Ord. 1, 2, 3,	g parameters.C ching methods: es are interact oriate engineer odge, using lab c exam. Pre-examination vork aper Palić, V. Sabo, B. Sabo, B. i dr. Bogner, M.; E Trbojević, N.	tive, along wi ring example poratory equip ation obligation withor Borisavljević, l ; Vračar, D.	velding de ith auditor s that allo oment. Con ns Zava Zbirk Zava M.; Zava Zava	formations. rial and lebora ow more effect nsultations are Knowledge e Mandatory Yes Yes rivanje a rešenih prim rivanje nerđaju rivanje - konsti rivanje, lemljer	atory exerc ctive under e regularly evaluation (Points 10.00 7 20.00 Litera Title era iz zava ućih čelika - ruisanje i pr	cise. Lectures compris rstanding. Auditorial an held. Grades are base maximum 100 points) Final ex Fheoretical part of the ex ture rivanja - skripta - priručnik roračuni	e of the theoretical nd laboratory exerci d on lecture and exe kam cam Publishe Fakultet tehničkih n Sad Fakultet tehničkih n Sad Novosadski sajam I Sad	part accomp ses profoun ercise attenda Mandatory Yes er auka - Novi auka , Novi DD - Novi grad ostar i	Panied b d lectur ance an Points 70.0 Year 1987 2003 1995		
welding 4. Teac Lecture approp knowle classsic Homew Term p Ord. 1, 2, 3, 4,	g parameters.C ching methods: es are interact oriate engineer odge, using lab c exam. Pre-examinativork aper A Palić, V. Sabo, B. Sabo, B. i dr. Bogner, M.; E Trbojević, N.	tive, along wi ring example poratory equip ation obligation ation obligation suthor Borisavljević, l ; Vračar, D. a.; Pašić, O.	velding de ith auditor s that allo oment. Con ns Zava Zbirk Zava M.; Zava Zava Zava	formations. rial and lebora ow more effect nsultations are Knowledge e Mandatory Yes Yes rivanje a rešenih prim rivanje nerđaju rivanje - konst	atory exerc ctive under e regularly evaluation (Points 10.00 7 20.00 Litera Title era iz zava ućih čelika - ruisanje i pr	cise. Lectures compris rstanding. Auditorial an held. Grades are base maximum 100 points) Final ex Fheoretical part of the ex ture rivanja - skripta - priručnik roračuni	e of the theoretical nd laboratory exerci d on lecture and exe kam am Publishe Fakultet tehničkih n Sad Fakultet tehničkih n Sad Novosadski sajam I Sad SMEITS i ZZZ Beog Mašinski fakultet Mo	part accomp ses profoun ercise attenda Mandatory Yes er auka - Novi auka, Novi DD - Novi grad ostar i anja Luka	Panied b d lectur ance an Points 70.0 Year 1987 2003 1995 1998		



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

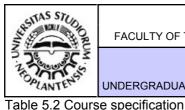


Production Engineering

Study Programme Accreditation

UNDERGRADUATE ACADEMIC STUDIES

Course:											
Course	id:	M2412	Theory of Elasticity								
Numbe	r of ECTS:	5									
Teachers:		0	Glavardanov	B. Valentin,	Novaković	č N. Branislava					
Course status:		Elective									
Numbe	r of active teac	hing classes	s (weekly)								
L	.ectures:	Practical of	classes:	Other teachi	ng types:	es: Study research work: Ot			Other classes:		
	2 2		0		0		0	0			
Precon	dition courses	-				-					
1. Educ	ational goal:										
The course objective is to enable students for formulating the fundamental set of equations describing the deformation of an elastic body and for solving the set equations for concrete problems.											
2. Educ	ational outcom	nes (acquired	d knowledge	e):							
Acquired knowledge is related to: analysis of stress, strain, and constitutive equations for an elastic body. The assumption is that students are able to individually solve limit problems in the theory of elasticity, meaning they are able to form an adequate mathematical model and then solve it by applying analytical and computer methods.											
3. Cour	se content/stru	icture:									
Stress analysis. Stress tensor. Strain analysis. Strain tensor. Hook's law. Limit problems in the theory of elasticity and methods for solving them. Plain state of strain and plain state of stress. Spatial problems in the theory of elasticity. Measuring tapes.									or solving		
4. Teac	hing methods:										
Classic	al teaching me	thods usina	computer as	s a supplemer	ntarv devid	ce, as well as active stude	ents` participation.				
Classical teaching methods using computer as a supplementary device, as well as active students` participation.											
				1	i	(maximum 100 points)					
Pre-examination obligations Test			Mandatory	Points 10.00	Final ex	kam	Mandatory Yes	Points 70.00			
Test			Yes Yes	10.00	Oral part of the exam Ye		res	70.00			
Test				Yes	10.00						
Literature											
Ord.	A	uthor	Title			Publisher		Year			
1,	Atanacković	Т. М.	Teorija elastičnosti FTN, NoviSad				1993				
2,	Timošenko S	. P., Gudijer				1962					
3.	Atanackovic	T 14 0	ran A. Theory of Elasticity for Scientists and Engineers Birkhauser, Boston 2000								



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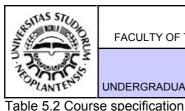


Study Programme Accreditation

UNDERGRADUATE ACADEMIC STUDIES

Production Engineering

Course: Physical and Phase States of Polymers Course id: P3402 Number of ECTS: 4 Teachers: Pilić M. Branka, Vilotić Ž. Dragiša Course status: Elective Number of active teaching classes (weekly) Other teaching types: Lectures: Practical classes: Study research work: Other classes: 2 0 2 0 0 Precondition courses None 1. Educational goal: The goal of this course is to master the basic theoretical knowledge in the field of physical and phase state of the polymer, and the factors that affect changes in these conditions as well as to master basic practical methods for their testing. 2. Educational outcomes (acquired knowledge): By completing this course, students acquire the knowledge, skills and develop abilities in the subject matter: independently solving practical and theoretical problems in the field of physical and phase states polymer materials, to known how to make a connection between the structure of polymer materials, their properties and applications, to characterize a polymeric material by using the basic test method for phase changes and physical states of polymers. 3. Course content/structure: Theoretical study - Principles of polymer structure, molecular structure and sub molecular structure. Primary and secondary bounds in the polymer, the reaction of monomers to polymers. Molecular weight of the polymer. The phase state of the polymer-amorphous, crystalline, partially crystalline. Crystallization of polymers. The physical state of the polymer and the thermomechanical properties of glassy-state, visco-elastic, a state of the melt. Thermal and mechanical changes of phase and physical state of polymer, stress-strain dependence. Dynamic mechanical behavior of polymer-creep, stress relaxation. Viscosity of the polymer melt. Practical lessons: exercise, other forms of instruction, study research Determination of phase and physical transitions of polyethylene terephthalate (PET). polypropylene (PP), polyethylene (PE) using differential scanning calorimetry (DSC). Coefficient of thermal expansion using TMA. Modulus of elasticity and loss of PE, PP, polymethylmethacrylate (PMMA), the degree of crystallinity by DSC. Tensile and rupture strength (PP). 4. Teaching methods: Lectures, interactive, video presentations, simulations, discussions and seminars Knowledge evaluation (maximum 100 points) Pre-examination obligations Mandatory Points Final exam Mandatory Points Complex exercises 25.00 Written part of the exam - tasks and theory Yes 30.00 Yes Lecture attendance 5.00 40.00 Yes Oral part of the exam Yes Literature Ord. Title Publisher Year Author Dragoslav Stoiljković i Branka 1. Struktura i svojstva polimernih materijala Tehnološki fakultet, Novi Sad 2007 Pilić 2. Barbara Stuart Polymer Analysis John Wilev & Sons 2002 C.A. Daniels 3 Polymers: Structures and properties Technomic Publishing AG 1989 4, Arie Ram Fundamentals of Polymer Engineering Plenum Press, New York 1997



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Study Programme Accreditation

UNDERGRADUATE ACADEMIC STUDIES

Production Engineering

Course: Thermal Processing of Contemporary Tools Course id: P3405 Number of ECTS: 7 Kakaš I. Damir, Škorić N. Branko Teachers: Course status: Elective Number of active teaching classes (weekly) Lectures: Practical classes: Other teaching types: Study research work: Other classes: 3 0 3 0 0 Precondition courses None 1. Educational goal: The objective of the course is to enable students to actively study the scientific literature and participate in the study research work 2. Educational outcomes (acquired knowledge): The student is able to actively study the scientific literature and conduct the study research work. 3. Course content/structure: Nonlinear system characteristics. System stability. Nonlinear control systems. A part of the course work is conducted through independent individual study and research work in the field of Nonlinear Control Systems. The research study work requires the student's active and constant interest in and reading of the primary scientific resources, the organisation and conducting of experiments, numerical simulations and, optionally, writing a paper in the field of Nonlinear Control Systems 4. Teaching methods: Lectures, seminar paper, tutorial work. Research study work. Knowledge evaluation (maximum 100 points) Mandatory Points Mandatory Points Pre-examination obligations Final exam Homework 50.00 Oral part of the exam Yes 40.00 Yes Laboratory exercise attendance 5.00 Yes Lecture attendance 5.00 Yes Literature Ord. Author Title Publisher Year Materijali i termička obrada alata i delova mašina za Fakultet tehničkih nauka, Novi Kakaš, D., Škorić, B 2007 1. preradu plastike Sad 2 Metals Handbook Volume 4: Heat Treatmnet ASM, Metals Park, Ohio 1997 Grupa autora Totten E. George, Howes 3, Steel Heat Treatment Handbook Marcel Dekker Inc. 1997 A.H. Maurice



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Study Programme Accreditation

Table 5.2 Course specification

Production Engineering

Course:	:										
Course	id:	P4406	Joining Technology of Modern Materials								
Number of ECTS: 6			1								
Teacher:			Baloš S. Seb	astian							
Course status:		Elective									
Number	r of active teac	hing classe	≥s (weekly)								
L	ectures:	Practical	classes:	Other teaching types: Study res		Study resea	arch work:	Other cla	sses:		
	3	0		3		0		0			
Precond	dition courses			None							
1. Educ	ational goal:										
Obtainir	ng knowledge	in the field o	of weldability	and weld test	S.						
2. Educational outcomes (acquired knowledge): Cempetence in the field of weldability and weldability tests.											
-	se content/stru		-								
	ility of steel, course and parar		inium, titaniu	m, magnesiu	m aloys, p	olymer, low temperature	welding and hardfaci	ng. Problems	, welding		
4. Teac	hing methods:										
Lecture the sele and sole	s are elaborate	ed through eme and fo es in the lab	rmulation of tl	he task in coo	operation v	sible new directions in re with the supervisor, the el iments with the task of ga	aboration of a simula	tor, laborator	y models		
			Knowledge evaluation (maximum 100 points)			(maximum 100 points)					
Pre-examination obligations			Mandatory	Points	Final e>	am	Mandatory	Points			
Presentation			Yes		Theoretical part of the ex	am	Yes	70.00			
Term pa	aper			Yes	20.00						
Literature											
Ord.	Α	uthor				Publisher Univerzitet u Novom sadu -		Year			
1,	Sabo, B.		Tehnologije spajanja i površinska zaštita drveta - Univerzitet u Novom sad udžbenik u pripremi Fakultet tehničkih nauka						2008		
2,	Skakić, D.; K						2002				
3,	Jaić, M.; Živa Trbojević, R.	anović -	Površinska obrada drveta - teorijske osnove Zavod za GTTMF Beograd 2000					2000			



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Production Engineering

Study Programme Accreditation

UNDERGRADUATE ACADEMIC STUDIES

	:													
Course	id:	P4410		[Design	and Product Fi	unctionality							
Number	r of ECTS:	6												
Teache	ers:		Gostimirović	P. Marin, Kov	/ač P. Pav	el, Sekulić Lj. Milenko								
Course	status:		Elective											
Number	r of active tead	ching classe	s (weekly)											
L	.ectures:	Practical	classes:											
	3	0		3 0 0										
Precondition courses None														
1. Educ	ational goal:													
	ng knowledge	in the field c	of design and	functionality of	of product.									
2 Educ	ational outcon	nes (acquire		<i>)</i> .										
		· ·	Ũ			and functionality of much								
Acquire	a knowledge (enables corr	ect designing	g, construction	i, selection	and functionality of prod	uct.							
3. Cour	se content/stru	ucture:												
Concer	ot and importa	nce of desi	on and functi	onality of pro	ducts. Des	sign as a system. Conce	ot of form and conte	nt in industria	al desian.					
						industrial design: functio								
						an factor (ergonomy), eco								
econom	nic factor from	consumption	on point of vi	ew. Design, f	unctionalit	y, economy, ergonomy,	aesthetic and techno	ology of produ	ucts from					
various	materials. D	esign in ado	ditional asse	mbly manufa	ctured par	rts. Computer graphics a	and design - modell	ing. Presenta	ation and					
applica	tion of softwa	re for prod	uct design. (Copyright.			various materials. Design in additional assembly manufactured parts. Computer graphics and design - modelling. Presentation and							
4. Teac	hing methods:	application of software for product design. Copyright.												
Lecture		4. Teaching methods:												
	es are realized		of lectures	computer and	graphical	practical classes. During	lectures theoretical	part is prese						
Lectures are realized in the form of lectures, computer and graphical practical classes. During lectures theoretical part is presented with appropriate practical examples. During practical classes exercises are performed as well as appropriate projects and seminar papers.														
appropi	riate practical	in the form examples.	During pract	ical classes e	xercises a		appropriate projects	s and semina	nted with					
appropi Apart fr	riate practical rom that regu	in the form examples. Ilar consulta	During pract ations are he	ical classes e Id for the pur	xercises a pose of cl	are performed as well as	appropriate projects	s and semina pration of proj	nted with					
appropi Apart fr	riate practical rom that regu	in the form examples. Ilar consulta	During pract ations are he	ical classes e Id for the pure basis of clas	pose of cl s attenda	are performed as well as arification of subject cor	appropriate projects	s and semina pration of proj	nted with					
appropi Apart fr semina	riate practical rom that regu r papers. Fina Pre-examina	in the form examples. Ilar consulta al mark is fo	During pract ations are he ormed on the	ical classes e Id for the pure basis of clas	vercises a pose of cl ss attenda evaluation Points	are performed as well as larification of subject cor nce, partial examination (maximum 100 points) Final ex	appropriate projects itent and help elabo results and oral pa	s and semina pration of proj	nted with					
appropri Apart fri semina	riate practical rom that regu r papers. Fina Pre-examina e attendance	in the form examples. Ilar consulta al mark is fo	During pract ations are he ormed on the	ical classes e eld for the pur basis of clas Knowledge e	exercises a pose of cl ss attenda evaluation Points 5.00	are performed as well as larification of subject cor nce, partial examination (maximum 100 points)	appropriate projects itent and help elabo results and oral pa	s and semina pration of proj rt.	nted with r papers. jects and					
appropri Apart fr semina Exercise Graphic	riate practical rom that regu r papers. Fina Pre-examina e attendance c paper	in the form examples. Ilar consulta al mark is fo	During pract ations are he ormed on the	ical classes e eld for the pure basis of class Knowledge e Mandatory	xercises a pose of cl ss attenda evaluation Points 5.00 20.00	are performed as well as larification of subject cor nce, partial examination (maximum 100 points) Final ex	appropriate projects itent and help elabo results and oral pa	s and semina oration of proj rt. Mandatory	nted with r papers. jects and Points					
appropri Apart fri semina Exercise Graphic Lecture	riate practical rom that regu r papers. Fina Pre-examina e attendance	in the form examples. Ilar consulta al mark is fo	During pract ations are he ormed on the	ical classes e eld for the pure basis of class Knowledge e Mandatory Yes Yes Yes	xercises a pose of cl ss attenda evaluation Points 5.00 20.00 5.00	are performed as well as larification of subject cor nce, partial examination (maximum 100 points) Final ex	appropriate projects itent and help elabo results and oral pa	s and semina oration of proj rt. Mandatory	nted with r papers. jects and Points					
appropri Apart fri semina Exercise Graphic Lecture Test	riate practical rom that regu r papers. Fina Pre-examina e attendance c paper	in the form examples. Ilar consulta al mark is fo	During pract ations are he ormed on the	ical classes e eld for the pure basis of clas Knowledge e Mandatory Yes Yes Yes Yes Yes	xercises a pose of cl ss attenda Points 5.00 20.00 5.00 10.00	are performed as well as larification of subject cor nce, partial examination (maximum 100 points) Final ex	appropriate projects itent and help elabo results and oral pa	s and semina oration of proj rt. Mandatory	nted with r papers. jects and Points					
appropri Apart fri semina Exercise Graphic Lecture	riate practical rom that regu r papers. Fina Pre-examina e attendance c paper	in the form examples. Ilar consulta al mark is fo	During pract ations are he ormed on the	ical classes e eld for the pure basis of class Knowledge e Mandatory Yes Yes Yes	xercises a pose of cl ss attenda evaluation Points 5.00 20.00 5.00 10.00 10.00	are performed as well as larification of subject cor nce, partial examination (maximum 100 points) Final ex Oral part of the exam	appropriate projects itent and help elabo results and oral pa	s and semina oration of proj rt. Mandatory	nted with r papers. jects and Points					
appropri Apart fr semina Exercise Graphic Lecture Test Test	riate practical rom that regu r papers. Fina Pre-examina e attendance paper attendance	in the form examples. ular consulta al mark is fo ation obligat	During pract ations are he ormed on the	ical classes e eld for the pure basis of clas Knowledge e Mandatory Yes Yes Yes Yes Yes	xercises a pose of cl ss attenda evaluation Points 5.00 20.00 5.00 10.00 10.00 Litera	are performed as well as larification of subject cor nce, partial examination (maximum 100 points) Final ex Oral part of the exam	appropriate projects tent and help elabo results and oral par am	s and semina pration of proj rt. Mandatory Yes	nted with r papers. jects and Points 50.00					
appropri Apart fr semina Exercise Graphic Lecture Test Test Ord.	riate practical rom that regu r papers. Fina Pre-examina e attendance c paper e attendance	in the form examples. Ilar consulta al mark is fo	During pract ations are he ormed on the ions	ical classes e eld for the pure basis of clas Knowledge e Mandatory Yes Yes Yes Yes Yes Yes	xercises a pose of cl s attenda evaluation Points 5.00 20.00 5.00 10.00 10.00 Litera Title	are performed as well as larification of subject cor nce, partial examination (maximum 100 points) Final ex Oral part of the exam	appropriate projects tent and help elabo results and oral par am Publishe	s and semina pration of proj rt. Mandatory Yes	nted with r papers. jects and Points 50.00 Year					
appropi Apart fr semina Exercise Graphic Lecture Test Test	riate practical rom that regu r papers. Fina Pre-examina e attendance c paper e attendance	in the form examples. ular consulta al mark is fo ation obligat	During pract ations are he ormed on the ions	ical classes e eld for the pure basis of clas Knowledge e Mandatory Yes Yes Yes Yes Yes	xercises a pose of cl s attenda evaluation Points 5.00 20.00 5.00 10.00 10.00 Litera Title	are performed as well as larification of subject cor nce, partial examination (maximum 100 points) Final ex Oral part of the exam	appropriate projects ttent and help elabo results and oral par am Publishe Naučna knjiga, Beo	s and semina pration of proj rt. Mandatory Yes Yes	nted with r papers. jects and Points 50.00					
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FACULTY OF TECHNICAL SCIENCES 21000 NOVI SAD, TRG DOSITEJA OBRADOVIĆA 6



Production Engineering

Study Programme Accreditation

UNDERGRADUATE ACADEMIC STUDIES

Course:	:											
Course	id:	P216		Numerical Analysis								
Number	r of ECTS:	5										
Teache	rs:		Adžić Z. Nev	venka, Grbić F	. Tatjana,	Ralević M. Nebojša, Teo	fanov Đ. Ljiljana					
Course	status:		Elective									
Number	r of active teac	hing classe	s (weekly)									
L	ectures:	Practical	classes:	sses: Other teaching types: Study research work: Other classes:								
	2	1		1		0		0				
Precond	dition courses	•		None								
1. Educ	ational goal:											
Enabling	g students to c	levelop abs	tract thinking	and acquire I	knowledge	e in the field of numerical	mathematics.					
2. Educ	ational outcom	nes (acquire	d knowledge	e):								
	ts are compet ering subjects		methods of	numerical so	lution of	mathematical models in	practice and in thei	r further edu	cation in			
3. Cours	se content/stru	icture:										
and nor	mative numbe nlinear equatio . Mathematica	ons. Numer	ical differenti	iation and int	ical solutio egration.	ons of nonlinear equation Numerical solutions of o	s. Numerical solutior rdinary differential ec	ns of systems quations. Mor	of linear nte-Carlo			
4. Teac	hing methods:											
course	which represe I tasks. The ex	ents a logic	al unit are o	bligatory. The	e final exa	and etching assistant. To amination consists of a t the lecture and practices	heoretical part (whi	ch is eliminat	tory) and			
				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		Yes	30.00			
	ory exercise d	etence		Yes		Practical part of the exam	n - tasks	Yes	40.00			
Lecture	attendance			Yes	5.00							
						ature						
Ord.		uthor			Title		Publishe	er	Year			
1,	N. M. Ralevio			rana poglavlja		natike	SYMBOL		2010			
2,	D. Kincaid , \	N. Cheney	Nume	erical Analysis			Pacific Grove, Calife	ornia	1991			



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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

Production Engineering

	:												
Course	id:	- P3403	Tech	Technology of Plastic Forming - Shaping of plastic material									
Number	r of ECTS:	6											
Teache	ers:		Plančak E.	Miroslav, Viloti	ć Ž. Dragi	ša							
Course	status:		Elective										
Number	r of active tead	hing classe	es (weekly)										
L	ectures:	Practical	classes:	Other teachi	ng types:	Study resea	arch work:	Other cla	isses:				
	3	()	3		0		0					
Precond	dition courses	-		None		•							
1. Educ	ational goal:												
	al of this cours olding, calend					nological method of form rubber, etc).	ing polymers (extrus	ion, injection	molding,				
2. Educ	ational outcom	nes (acquire	ed knowledg	e):									
Knowle materia	edge gained fr al, determination	om this co on of proce	urse allows ess parame	the design of ers and the s	the techr election c	nological process of plas of equipment.	tic forming, with a s	election of w	orkpiece				
3. Cour:	se content/stru	icture:											
profiles. Blow mo	, plates, sheet					f plastics processing, cal	endering, plastic ext	rusion (maki	na ninoo				
	ing. Bonding a	rming of pl nd welding	astics. Foam . Finishing (p	ing processes olishing, platir	, extrusior ng, paintin	molding, transfer moldir and pressing. Composite g, stamping). Basic cha	ng. Casting of plastic es based on polymer aracteristics of elasto	s. Hot plastic s and their pro	forming.				
technolo	ing. Bonding a ogy. Extrusion	rming of pl nd welding and moldin	astics. Foam . Finishing (p	ing processes olishing, platir	, extrusior ng, paintin	molding, transfer moldir and pressing. Composite	ng. Casting of plastic es based on polymer aracteristics of elasto	s. Hot plastic s and their pro	forming.				
technolo 4. Teacl Oral pre	ing. Bonding a ogy. Extrusion ching methods:	nd welding and molding and moldin	astics. Foam . Finishing (p ng rubber. C	ing processes polishing, platir osslinking of e	, extrusior ng, paintin elastomers	molding, transfer moldir and pressing. Composite g, stamping). Basic cha	ng. Casting of plastic es based on polymers aracteristics of elasto I plastics.	s. Hot plastic s and their pro mers. Rubber	c forming ocessing r molding				
4. Teach Oral pre	ing. Bonding a ogy. Extrusion hing methods: esentations wi	nd welding and molding and moldin	astics. Foam . Finishing (p ng rubber. C	ing processes polishing, platir rosslinking of e projection. Us	, extrusior ng, paintin elastomers age of tat	c molding, transfer molding and pressing. Composite g, stamping). Basic cha s. Recycling of rubber and	ng. Casting of plastic es based on polymers aracteristics of elasto I plastics.	s. Hot plastic s and their pro mers. Rubber	c forming ocessing r molding				
4. Teach Oral pre	ing. Bonding a ogy. Extrusion hing methods: esentations wi	rming of pl nd welding and moldii ith slides fr ss systems	astics. Foam . Finishing (p ng rubber. C rom a video s.	ing processes polishing, platir rosslinking of e projection. Us	, extrusior ng, paintin elastomers age of tat	c molding, transfer moldin and pressing. Composite g, stamping). Basic cha s. Recycling of rubber and bles and handouts for pra	ng. Casting of plastic es based on polymens aracteristics of elasto I plastics. actice, work in labora	s. Hot plastic s and their pro mers. Rubber	c forming. ocessing. r molding				
technolo 4. Teacl Oral pre contem	ing. Bonding a ogy. Extrusion ching methods: esentations wi porary busine	rming of pl nd welding and moldii ith slides fr ss systems	astics. Foam . Finishing (p ng rubber. C rom a video s.	ing processes polishing, platir posslinking of e projection. Us	, extrusior ng, paintin elastomers age of tab evaluation Points	molding, transfer molding and pressing. Composite g, stamping). Basic cha s. Recycling of rubber and oles and handouts for pra (maximum 100 points)	ng. Casting of plastic es based on polymens aracteristics of elasto I plastics. actice, work in labora	s. Hot plastic s and their pro mers. Rubber atory and visi	ts to real				
technolo 4. Teacl Oral pre contem Comple Exercise	ing. Bonding a ogy. Extrusion ching methods: esentations wi porary busine Pre-examina ex exercises e attendance	rming of pl nd welding and moldii ith slides fr ss systems	astics. Foam . Finishing (p ng rubber. C rom a video s.	ing processes polishing, platir osslinking of e projection. Us Knowledge e Mandatory	, extrusior ng, paintin elastomers age of tat evaluation Points 10.00 5.00	molding, transfer molding and pressing. Composite g, stamping). Basic cha s. Recycling of rubber and oles and handouts for pra (maximum 100 points) Final exam - part one Final exam - part two	ng. Casting of plastic es based on polymers aracteristics of elasto I plastics. actice, work in labora	s. Hot plastic s and their pro- mers. Rubber atory and visi	ts to real Points 40.00				
4. Teach Oral pre- contem Comple Exercise Lecture	ing. Bonding a ogy. Extrusion ching methods: esentations wi porary busine Pre-examina ex exercises e attendance e attendance	rming of pl nd welding and moldii ith slides fr ss systems	astics. Foam . Finishing (p ng rubber. C rom a video s.	ing processes polishing, platir posslinking of e projection. Us Knowledge e Mandatory Yes Yes Yes	, extrusior ng, paintin elastomers age of tat evaluation Points 10.00 5.00 5.00	molding, transfer molding and pressing. Composite g, stamping). Basic cha s. Recycling of rubber and oles and handouts for pra (maximum 100 points) Final exam - part one	ng. Casting of plastic es based on polymers aracteristics of elasto I plastics. actice, work in labora	s. Hot plastic s and their pro- mers. Rubber atory and visi Mandatory No	ts to real Points 40.00				
technolo 4. Teacl Oral pre contem Comple Exercise	ing. Bonding a ogy. Extrusion ching methods: esentations wi porary busine Pre-examina ex exercises e attendance e attendance	rming of pl nd welding and moldii ith slides fr ss systems	astics. Foam . Finishing (p ng rubber. C rom a video s.	ing processes polishing, platir osslinking of e projection. Us Knowledge e Mandatory Yes Yes	, extrusion ng, paintin elastomers age of tab evaluation Points 10.00 5.00 5.00 10.00	molding, transfer molding and pressing. Composite g, stamping). Basic cha s. Recycling of rubber and oles and handouts for pra (maximum 100 points) Final exam - part one Final exam - part two Written part of the exam	ng. Casting of plastic es based on polymers aracteristics of elasto I plastics. actice, work in labora	s. Hot plastic s and their pro- mers. Rubber atory and visi Mandatory No No	ts to real Points 40.00 30.00				
technolo 4. Teacl Oral pre- contem Comple Exercise Lecture Present	ing. Bonding a ogy. Extrusion ching methods: esentations wi porary busine Pre-examina ex exercises e attendance attendance	rming of pl nd welding and moldii ith slides fr ss systems ation obliga	astics. Foam . Finishing (p ng rubber. C rom a video s.	ing processes polishing, platir posslinking of e projection. Us Knowledge e Mandatory Yes Yes Yes	, extrusion ng, paintin elastomers age of tab evaluation Points 10.00 5.00 5.00 10.00 Liter	c molding, transfer molding and pressing. Composite g, stamping). Basic cha s. Recycling of rubber and oles and handouts for pra (maximum 100 points) Final exam - part one Final exam - part two Written part of the exam ature	ng. Casting of plastic es based on polymers aracteristics of elasto I plastics. actice, work in labora cam - tasks and theory	s. Hot plastic s and their pro- mers. Rubber atory and visi Mandatory No No Yes	ts to real Points 40.00 70.00				
technolo 4. Teacl Oral pre- contem Comple Exercise Lecture Present Ord.	ing. Bonding a ogy. Extrusion ching methods: esentations wipporary busine Pre-examinate exercises e attendance attendance tation	rming of pl nd welding and moldii ith slides fr ss systems	astics. Foam . Finishing (p ng rubber. C rom a video s. tions	ing processes polishing, platir osslinking of e projection. Us Knowledge e Mandatory Yes Yes Yes Yes Yes	, extrusion ng, paintin elastomers age of tat evaluation Points 10.00 5.00 5.00 10.00 Liter Title	molding, transfer molding and pressing. Composite g, stamping). Basic cha s. Recycling of rubber and oles and handouts for pra (maximum 100 points) Final exam - part one Final exam - part two Written part of the exam ature	ng. Casting of plastic es based on polymers aracteristics of elasto l plastics. actice, work in labora cam - tasks and theory Publishe	s. Hot plastic s and their pro- mers. Rubber atory and visi Mandatory No No Yes	r molding Points 40.00 30.00 Year				
technolo 4. Teacl Oral pre- contern Comple Exercise Lecture Present Ord. 1,	ing. Bonding a ogy. Extrusion ching methods: esentations wi porary busine Pre-examina ex exercises e attendance tation Vilotić D.	rming of pl nd welding and moldin ith slides fr ss systems ation obliga	astics. Foam . Finishing (p ng rubber. C rom a video s. tions	ing processes polishing, platir posslinking of e projection. Us Knowledge e Mandatory Yes Yes Yes Yes I u tehnologije	, extrusion ng, paintin elastomers age of tab evaluation Points 10.00 5.00 5.00 10.00 Liter Title oblikovan	molding, transfer molding and pressing. Composite g, stamping). Basic chas s. Recycling of rubber and oles and handouts for pra- (maximum 100 points) Final exam - part one Final exam - part two Written part of the exam ature a plastike	ng. Casting of plastic es based on polymers aracteristics of elasto I plastics. actice, work in labora cam - tasks and theory Publishe CeVIP, MF Kraguje	s. Hot plastic s and their pro- mers. Rubber atory and visi Mandatory No No Yes er vac	r molding Points 40.00 70.00 Year 2007				
technolo 4. Teacl Oral precontern Comple Exercise Lecture Present Ord. 1, 2,	ing. Bonding a ogy. Extrusion ching methods: esentations wi porary busine Pre-examina ex exercises e attendance tation Vilotić D. Brent Strong	and molding and molding and moldin ith slides fr ss systems ation obliga suthor	astics. Foam . Finishing (p ng rubber. C rom a video s. tions tions	ing processes polishing, platir posslinking of e projection. Us Knowledge e Mandatory Yes Yes Yes Yes I u tehnologije ics, materials	, extrusion ng, paintin elastomers age of tab evaluation Points 10.00 5.00 5.00 10.00 Liter Title oblikovan and proce	molding, transfer molding and pressing. Composite g, stamping). Basic cha s. Recycling of rubber and oles and handouts for pra (maximum 100 points) Final exam - part one Final exam - part two Written part of the exam ature ature ssing	ng. Casting of plastic es based on polymers aracteristics of elasto l plastics. actice, work in labora cam - tasks and theory Publishe CeVIP, MF Kraguje Prentice Hall, Ohio,	s. Hot plastic s and their pro- mers. Rubber atory and visi Mandatory No No Yes er vac USA	ts to real Points 40.00 30.00 70.00 Year 2007 2000				
technolo 4. Teacl Oral pre- contern Comple Exercise Lecture Present Ord. 1,	ing. Bonding a ogy. Extrusion ching methods: esentations wi porary busine Pre-examina ex exercises e attendance tation Vilotić D.	rming of pl nd welding and moldin ith slides fr ss systems ation obliga suthor , A. annaber F.	astics. Foam . Finishing (p ng rubber. C rom a video s. tions tions Uvoo Plas Injek	ing processes polishing, platir posslinking of e projection. Us Knowledge e Mandatory Yes Yes Yes Yes I u tehnologije ics, materials	, extrusion ng, paintin elastomers age of tab evaluation Points 10.00 5.00 10.00 Liter Title oblikovan and proce e polimera	molding, transfer molding and pressing. Composite g, stamping). Basic cha s. Recycling of rubber and oles and handouts for pra (maximum 100 points) Final exam - part one Final exam - part two Written part of the exam ature ature i plastike ssing i ostalih materijala	ng. Casting of plastic es based on polymers aracteristics of elasto I plastics. actice, work in labora cam - tasks and theory Publishe CeVIP, MF Kraguje	s. Hot plastic s and their pro- mers. Rubber atory and visi Mandatory No No Yes er vac USA vo, Zagreb	r molding Points 40.00 70.00 Year 2007				



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



Production Engineering

Study Programme Accreditation

UNDERGRADUATE ACADEMIC STUDIES

Course:			Web programming									
Course id:	SE239A		Web programming									
Number of ECTS	7		arković Milan, Nenadić M. Goran, Obradović J. Đorđe, Okanović Đ. Dušan, Vidaković P. Milan									
Teachers:		Marković	Milan, Nenadi	ć M. Gorai	n, Obradović J. Đorđe, Oł	kanović Đ. Dušan, Vic	laković P. Mi	lan				
Course status:		Elective										
Number of active teaching classes (weekly)												
Lectures: Practical classes: Other teaching types: Study research work: Other class								isses:				
3	0	0 2 0 1										
Precondition cour	ses	-	None		·							
1. Educational go	al:											
Students learn to technology as w					ng, which covers knowle ications.	edge of HTTP protoc	cols, Server	and JSP				
2. Educational ou	tcomes (acquire	ed knowledge	e):									
The acquired kno	wledge forms th	ie basis for t	ne future engir	neering co	urses.							
3. Course conten	/structure:											
programming. Cl	ient – server ar	chitecture. I	HTTP protoco	l fundame	uage. Input/output subs entals. Fundamentals of criptlets. JSP declaration	servlet technology. S	Session man	agement.				
4. Teaching meth	ods:											
Lectures. Computer labor		nsultations.	Theoretical pa	rt of the co	ourse if examined orally.	Practical part of the e	examination is	s taken in				
			Knowledge e	evaluation	(maximum 100 points)							
Pre-exa	mination obligat	ions	Mandatory	Points	Final ex	kam	Mandatory	Points				
Project			Yes		Oral part of the exam		Yes	50.00				
Term paper			Yes	20.00								
				Liter	ature	r	I					
Ord.	Author			Title	9	Publishe		Year				
1, B. Milos	avljević, M. Vida	ković Java	i Internet prog	Iramiranje		Grupa za informacio tehnologije, Novi Sa		2002				
2, B. Eckel		Mislit	i na Javi			Mikro knjiga, Beogra	ad	2002				
3, C. Horst	mann, G. Corne	ell Core	Java 2V			Sun Microsystems I Santa Clara	Press,	2005				
4, Danilo C	bradović	Osno	vi računarstva	1		Stylos		2003				



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



Study Programme Accreditation

UNDERGRADUATE ACADEMIC STUDIES

Production Engineering

Table 5.2 Course specification	
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Course	:			Planning Methods and Experiment Processing									
Course	id:	P2617		Planning Methods and Experiment Processing									
Numbe	r of ECTS:	5											
Teache	ers:		Hodolič J. Ja	dolič J. Janko, Kovač P. Pavel									
Course	status:		Elective										
Numbe	r of active tead	ching classes	s (weekly)										
L	ectures:	Practical of	classes:	ses: Other teaching types: Study research work: Other classes:									
	2	1		1 0 0									
Precon	Precondition courses None												
1. Educ	ational goal:			-									
Masteri	ng the content	in the field o	of planning n	nethods and e	xperiment	S.							
2. Educ	ational outcon	nes (acquire	d knowledge):									
	mpetence to c tion systems.	critically ana	lyze the exis	sting solutions	s and synt	thesize the original solut	ions in the field of co	omputer integ	gration of				
3. Cour	se content/stru	ucture:											
Distribu	ition of experi	mental plans	s. One facto	r plans (regre	ssion ana	perimental research. The Ilysis, dispersion analysis			rameters				
plans co		etermination				tifactor plans second ord telligence methods. Analy	er. Partial (partial) fa	ctor plane. T					
4. Teac Lecture present are cov	onclusively. De hing methods: es are realized ed with charac rererd. Acquire	etermination	ly through le nples for bet e is practica	l by applying ctures, audito ter understan lly applied in l	artificial int ory, labora ding of sul aboratory		er. Partial (partial) fa ysis and interpretation tical classes. In lectu practical classes, cha	ctor plane. T of experime res theoretic aracteristical e	ntal data. al part is exercises				
 plans control 4. Teac Lecture present are cov 	onclusively. De hing methods: es are realized ted with charac	etermination	ly through le nples for bet e is practica	I by applying ctures, audito ter understan Ily applied in are held regul	artificial int ory, labora ding of sul aboratory arly.	telligence methods. Analy atory and computer pract bject content. In auditory	er. Partial (partial) fa ysis and interpretation tical classes. In lectu practical classes, cha	ctor plane. T of experime res theoretic aracteristical e	ntal data. al part is exercises				
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e plans co 4. Teac Lecture present are cov lectures	onclusively. De thing methods: as are realized ted with charace ererd. Acquire s and practical	etermination I interactivel cteristic exar ed knowledg I classes, co	of the mode ly through le mples for bet e is practica nsultations a	I by applying ctures, audito ter understan Ily applied in are held regul Knowledge e	artificial int ory, labora ding of sul aboratory arly. evaluation Points	telligence methods. Analy atory and computer pract bject content. In auditory practical classes using a (maximum 100 points)	er. Partial (partial) fa ysis and interpretation tical classes. In lectu practical classes, cha avalilable laboratory e	ctor plane. T n of experime res theoretic aracteristical e equipment. A	ntal data. al part is exercises part from				
plans cc 4. Teac Lecture present are cov lectures Exercis Lecture	onclusively. De whing methods: es are realized ed with charace ererd. Acquires and practical Pre-examina e attendance e attendance	etermination I interactivel cteristic exar ed knowledg I classes, co	of the mode ly through le mples for bet e is practica nsultations a	I by applying ctures, audito ter understan lly applied in are held regul Knowledge e Mandatory	artificial int ory, labora ding of sul aboratory arly. evaluation Points 5.00 5.00	telligence methods. Analy atory and computer pract bject content. In auditory practical classes using a (maximum 100 points) Final ex	er. Partial (partial) fa ysis and interpretation tical classes. In lectu practical classes, cha avalilable laboratory e	ctor plane. T n of experime res theoretic aracteristical e equipment. A Mandatory	ntal data. al part is exercises part from Points				
A. Teac Lecture present are cov lectures Exercis Lecture Term pa	onclusively. De whing methods: es are realized ed with charace ererd. Acquires and practical Pre-examina e attendance e attendance	etermination I interactivel cteristic exar ed knowledg I classes, co	of the mode ly through le mples for bet e is practica nsultations a	I by applying a ctures, auditor ter understandly applied in lare held regul Knowledge e Mandatory Yes Yes Yes Yes Yes	artificial int ory, labora ding of sul aboratory arly. evaluation Points 5.00 5.00 20.00	telligence methods. Analy atory and computer pract bject content. In auditory practical classes using a (maximum 100 points) Final ex Written part of the exam	er. Partial (partial) fa ysis and interpretation tical classes. In lectu practical classes, cha avalilable laboratory e	ctor plane. T n of experime res theoretic aracteristical e equipment. A Mandatory Yes	ntal data. al part is exercises part from Points 30.00				
Plans cr 4. Teac Lecture present are cov lectures Exercis Lecture Term pa Test	onclusively. De whing methods: es are realized ed with charace ererd. Acquires and practical Pre-examina e attendance e attendance	etermination I interactivel cteristic exar ed knowledg I classes, co	of the mode ly through le mples for bet e is practica nsultations a	I by applying a ctures, auditor ter understandly applied in lare held regul Knowledge e Mandatory Yes Yes Yes Yes Yes Yes Yes Yes	artificial int ory, labora ding of sul aboratory arly. evaluation Points 5.00 5.00 20.00 10.00	telligence methods. Analy atory and computer pract bject content. In auditory practical classes using a (maximum 100 points) Final ex Written part of the exam	er. Partial (partial) fa ysis and interpretation tical classes. In lectu practical classes, cha avalilable laboratory e	ctor plane. T n of experime res theoretic aracteristical e equipment. A Mandatory Yes	ntal data. al part is exercises part from Points 30.00				
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FACULTY OF TECHNICAL SCIENCES 21000 NOVI SAD, TRG DOSITEJA OBRADOVIĆA 6



Study Programme Accreditation

UNDERGRADUATE ACADEMIC STUDIES

Production Engineering

2 0 2 0 Precondition courses None 1. Educational goal: Image: The aim of the course is to enable students for developing and designing product systems, defining their characteristic production processes that take place within them. Students master tools for designing the system structure and the work acquire foundations for designing energy systems. During classes, students acquire knowledge necessary for determ distribution of system elements as a manner of selecting micro and macro locations. 2. Educational outcomes (acquired knowledge): Student will be prepared to develop and design a production system, to recognize and understand the importance or product as an essential objective of the production system, as well as to learn basic determinations related to the energy										
Number of ECTS: 5 Teachers: Ćosić P. Ilija, Lazarević M. Milovan, Čuš Franci Course status: Elective Number of active teaching classes (weekly) Elective Lectures: Practical classes: Other teaching types: Study research work: C 2 0 2 0 2 0 Precondition courses None 1 Educational goal: The aim of the course is to enable students for developing and designing product systems, defining their characteristic production processes that take place within them. Students master tools for designing the system structure and the work acquire foundations for designing energy systems. During classes, students acquire knowledge necessary for determ distribution of system elements as a manner of selecting micro and macro locations. 2. Educational outcomes (acquired knowledge): Student will be prepared to develop and design a production system, to recognize and understand the importance or product as an essential objective of the production system, as well as to learn basic determinations related to the energy										
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product as an essential objective of the production system, as well as to learn basic determinations related to the energy										
2. Educational outcomes (acquired knowledge). Student will be prepared to develop and design a production system, to recognize and understand the importance of production and product as an essential objective of the production system, as well as to learn basic determinations related to the energy support to the system functioning. During lectures, practice and practical work, students obtain knowledge on a company as an integrated unity of production and other system functions, i.e. the flows of materials, energy and information.										
3. Course content/structure:										
programme. Working process and system capacity. Forming material flows. Individual approach in flow formation. Group formation. General model of material flows. Balancing flows in a system. Forming flows in service systems. Forming system structure. Process approach in structure formation. Object approach in structure formation. Basic foundation formation. Determining the system elements. Modelling the spatial system structures. Modelling the energy flows. Determining functions or processes to another location of production systems. Determining the system location in narrow a Outsourcing functions or processes to another location or in another production system. Conditions for outsourcing, divid and competences, managing the working processes. Organizational readiness for accepting contemporary technol Simulation of production systems. Discussions with practical examples of production systems from developed countries and the region co on system structures. Elaboration of a seminar paper in a real system. Interactive work and acquiring knowledge in laboration of a seminar paper in a real system.	ing the production ations for structure Determining energy w and wider sense. viding responsibility nological solutions. countries. Analysis									
 Teaching methods: Oral presentations with slides from a video projection. Usage of tables and handouts for practice, work in a laboratory contemporary business systems 	ry and visits to real									
Knowledge evaluation (maximum 100 points)										
	landatory Points									
	Yes 30.00									
Lecture attendance Yes 5.00										
Project Yes 50.00										
Test Yes 10.00										
Literature										
Ord. Author Title Publisher										
1, Zelenović, D. PROJEKTOVANjE PROIZVODNIH SISTEMA Naučna knjiga	Year									
2, Zelenović, D., Ćosić, I., PROJEKTOVANJE PROIZVODNIH SISTEMA- Maksimović, R. priručnik za vežbe	Year 2009									
 Zelenović, D., Čosić, I., Maksimović, R., Maksimović, A. Priručnik za projektovanje proizvodnih sistema - pojedinačni prilaz FTN Novi Sad										



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



Study Programme Accreditation

UNDERGRADUATE ACADEMIC STUDIES

Production Engineering

Course:										
Course id:	 P314A		Fir	nal - Diploma Work						
Number of ECTS:	6									
Teachers:										
Course status:		Mandatory								
Number of active tea	ching classe	es (weekly)								
Lectures:	Practical	I classes: Other teaching types:		Study research work:	Other classes:					
0	()	0	0	6					
Precondition courses			None							
1. Educational goal:										
complexity of its stru introduced to method reports after comple students gain experi results obtained. In	cture and b ls of solving ting analyz ence in writ addition, th	ased on c similar ta es and ot ting paper ne goal of	conducted analysis conclusion asks and practice in solving th her activities carried out with rs in which it is necessary to o writing and defending the fi	ns in the selected areas. Students study s on possible ways of solving it. Studying em. Acquiring knowledge about the struct in the stated theme of the final work. Pr describe the problem, methods, and pro- nal work is to develop the students abil s respond to comments and questions	I literature students are ture and form of writing oducing the final work, cedures performed and ity to self-employment					
2. Educational outcor	nes (acquir	ed knowle	dge):							
review the structure of Through the use of li- that are related to a s- the complexity of the practice in solving th	of the given terature ind similar proble e problems e problems laints com	problem a ependentil em. Self s of their p of their p mission s	and its systematic analysis in o ly, students expand their know studying and solving tasks in a rofession. Producing the fina rofession. Preparation of resu	e in different areas that have been previo order to draw conclusions on possible dire vledge of the chosen field of study and dif given topic area, students gain knowledg I paper, students gain some experience Its for the public defense, by the public d ry experience on the way to practice to	ections for its resolution. ferent methods of work e of the complexity and that can be applied in efense, and answers to					
3. Course content/str	ucture:									
supervisor makes th defend a written final	e final worl work publi I works an	k in writing cly, in agr d student	g in accordance with standar eement with the supervisor in	he given topic of the final paper. Student ds of the Faculty of Technical Sciences. accordance with standards. Students stu topics, makes analyzes in order to find s	Students prepare and dy literature, as well as					
4. Teaching methods	:									
framework of the de students more guidau final thesis student c work. Within a given t by final work assignr	velopment nce, refer to onsults with topic, the st nent. Stude	of a given specific l the supe udent, if n ent makes	n topic, which is defined task iterature and further directed f ervisor, if necessary, with othe ecessary perform certain meas final work and after the appro	ivers it the student. The student is requ During the preparation of the final the him in order to produce quality work. In the reteachers who are dealing with topics fr surements, tests, counting, polls and othe oval by the Commission for assessment ion student is required to verbally answe	sis, a mentor can give e theoretical part of the om the field of the final r surveys, if so provided of, bound copies to the					

Knowledge evaluation (maximum 100 points)										
Pre-examination obligations	Mandatory	Points	Final exam	Mandatory	Points					
Writing the final paper with theoretic 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

Production Engineering

			14	Integrated CAPP Systems and Technological Database									
Course	-	P1403	Int	Integrated CAPP Systems and Technological Database									
Number	r of ECTS:	4											
Teache	rs:		Milošević F	P. Mijodrag, Tod	lić V. Velir	nir							
Course	status:		Elective										
Number	r of active tead	ching classe	es (weekly)										
L	ectures:	Practical	classes:	Other teachi	ng types:	Study resea	arch work:	Other cla	asses:				
	2	C)	2		0		0					
Precond	dition courses			None									
1. Educ	ational goal:												
Student	s learn to use	information	technology	in the field of te	echnologic	cal preparation productior	1.						
2. Educ	ational outcon	nes (acquire	ed knowledg	ge):									
						ns for general purpose a of the product.	s well as the develo	opment of sp	ecialized				
3. Cours	se content/stru	ucture:											
gauges	, parameters	of machin	e and proc	cessing time in	CAPP s	APP systems. Selection ystems. NC programmin	ng in integrated CA	PP systems	. Modern				
STEP a Techolo Techno 4. Teach Teachin is prese inforam in the f	Ind many othe ogical database logical database hing methods: ng is performe ented with ap tion technolog form of the technolog	rs. Develop se for mate ase and kn d in the forr propriate p ly through p est. In orde	ment stage erials, produ owledge fo m of lecture ractical exa practical exa er to extend	es of technologie ucts, machine to or standard pro- s and computer amples. Within amples, as well d the practical	cal databa tools, fixtu cess plan exercices computer as the dev knowleds	use of feature, artificial in use. Conceptual, logical a ures, tools, gauges and ning in CAPP systems. s, consultations and com- pratical classes perform velopment of the projects ge made visits to the re- l and making appropria	nd physical design te manufacturing norm pany visits. Within the ned training students and seminary works espective companie	echnological of ative time at the ative time at the solution of the solu	database f product ures, part ication of re writter				
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STEP a Techolo Techno 4. Teach Teachin is prese inforam in the f consult Comput Lecture Project	Ind many othe ogical database logical database logical database hing methods: Ing is performe ented with ap tion technolog form of the te ations are he Pre-examinate ter exercise at attendance aper	rs. Develop se for mate ase and kn d in the forr propriate p ly through p sst. In orde eld in orde ation obligat tendance	ment stage erials, produ owledge fo m of lecture ractical exa practical exa practical exa practical exa to extend to move o	es of technologie ucts, machine for standard pro- s and computer amples. Within amples, as well d the practical closer teaching Knowledge e Mandatory Yes Yes Yes Yes Yes	cal databa tools, fixtu cess plan r exercices computer as the dev knowledg materia evaluation Points 5.00 5.00 30.00 20.00 Litera Title	ise. Conceptual, logical a ures, tools, gauges and ning in CAPP systems. s, consultations and com- pratical classes perform velopment of the projects ge made visits to the re I and making appropria (maximum 100 points) Final ex Coloquium exam Coloquium exam	nd physical design te manufacturing norm pany visits. Within the ned training students and seminary works sepective companie te seminary works. cam Publishe	eoretical lect s in the appl . Colloquia a s. Besides, Mandatory Yes Yes	database f product ures, part ication of re written regularly Points 20.00				
STEP a Techolo Techno 4. Teach Teachin is prese inforam in the f consult Comput Lecture Project Term pa	Ind many othe ogical database logical database logical database logical database ing is performe ented with ap tion technolog form of the technolog form of technolog form	rs. Develop se for mate ase and kn d in the forr propriate p yy through p est. In order ation obligat tendance	ment stage erials, produ owledge fo m of lecture ractical exa er to extend r to move o tions	es of technologie ucts, machine for standard pro- s and computer amples. Within amples, as well d the practical closer teaching Knowledge e Mandatory Yes Yes Yes Yes Yes Ses Yes	cal databa cools, fixtu cess plan r exercices computer as the dev knowled g materia evaluation Points 5.00 5.00 30.00 20.00 Litera Title stemi i teh	Ise. Conceptual, logical a Jares, tools, gauges and ning in CAPP systems. Is, consultations and com- pratical classes perform velopment of the projects ge made visits to the re- l and making appropria (maximum 100 points) Final ex- Coloquium exam Coloquium exam Coloquium exam	nd physical design te manufacturing norm pany visits. Within the ned training students and seminary works espective companie te seminary works. cam Publishe Fakultet tehničkih na Sad	echnological of ative time of ecoretical lect s in the appl . Colloquia a s. Besides, Mandatory Yes Yes Yes	database f product ication of re written regularly Points 20.00 20.00				
STEP a Techolo Techno 4. Teach Teachin is prese inforam in the f consult Comput Lecture Project Term pa	Ind many othe ogical database logical database logical database logical database ing is performe ented with ap tion technolog form of the technolog form of technolog form	rs. Develop se for mate ase and kn d in the forr propriate p yy through p est. In order ation obligat tendance	ment stage erials, produ owledge fo m of lecture ractical exa er to extend r to move o tions	es of technologie ucts, machine for standard pro- s and computer amples. Within amples, as well d the practical closer teaching Knowledge e Mandatory Yes Yes Yes Yes Yes Senik u priprem nputer Aided Pr	cal databa cools, fixtu cess plan r exercices computer as the dev knowled g materia evaluation Points 5.00 5.00 30.00 20.00 Litera Title stemi i teh	ise. Conceptual, logical a ures, tools, gauges and ning in CAPP systems. s, consultations and com- pratical classes perform velopment of the projects ge made visits to the re I and making appropria (maximum 100 points) Final ex Coloquium exam Coloquium exam	nd physical design te manufacturing norm pany visits. Within the ned training students and seminary works espective companie te seminary works. cam Publishe Fakultet tehničkih na Sad Politechnika Lodzka	echnological of ative time of ecoretical lect s in the appl . Colloquia a s. Besides, Mandatory Yes Yes Yes	database f product ication of re written regularly Points 20.00 20.00				
STEP a Techolo Techno 4. Teach Teachin is prese inforam in the f consult Comput Lecture Project Term pa Ord. 1,	Ind many othe ogical database logical database logical database logical database ing is performe ented with ap tion technolog form of the technolog form of technolog form	rs. Develop se for mate ase and kn d in the forr propriate p yy through p est. In order ation obligat tendance	ment stage erials, produ owledge fo m of lecture ractical exa er to extend r to move o tions	es of technologie ucts, machine for standard pro- s and computer amples. Within amples, as well d the practical closer teaching Knowledge e Mandatory Yes Yes Yes Yes Yes Ses Yes	cal databa cools, fixtu cess plan r exercices computer as the dev knowled g materia evaluation Points 5.00 5.00 30.00 20.00 Litera Title stemi i teh	Ise. Conceptual, logical a Jares, tools, gauges and ning in CAPP systems. Is, consultations and com- pratical classes perform velopment of the projects ge made visits to the re- l and making appropria (maximum 100 points) Final ex- Coloquium exam Coloquium exam Coloquium exam	nd physical design te manufacturing norm pany visits. Within the ned training students and seminary works espective companie te seminary works. cam Publishe Fakultet tehničkih na Sad	echnological of ative time of ecoretical lect s in the appl . Colloquia a s. Besides, Mandatory Yes Yes Yes er auka, Novi a, Bielsko-	database f product ication of re writter regularly Points 20.00 20.00 Year 2013				
STEP a Techolo Techno 4. Teach Teachin is prese inforam in the f consult Comput Lecture Project Term pa Ord. 1, 2,	Ind many othe ogical database logical database logical database logical database ing is performe ented with ap tion technolog form of the te ations are he Pre-examina ter exercise at attendance aper A Todić, V., Mit Lukić, D. Kuric, I., Mat Debnar, R.	rs. Develop se for mate ase and kn d in the forr propriate p yy through p est. In order ation obligat tendance	ment stage erials, produ owledge fo m of lecture ractical exa practical	es of technologie ucts, machine for standard pro- s and computer amples. Within amples, as well d the practical closer teaching Knowledge e Mandatory Yes Yes Yes Yes Yes Senik u priprem nputer Aided Pr ustry	cal databa cools, fixtu cess plan exercices computer as the dev knowledg g material evaluation Points 5.00 5.00 30.00 20.00 Litera stemi i ter ni) occess Plan	ise. Conceptual, logical a ures, tools, gauges and ning in CAPP systems. s, consultations and com- pratical classes perform velopment of the projects ge made visits to the re I and making appropria (maximum 100 points) Final ex Coloquium exam Coloquium exam Coloquium exam	nd physical design te manufacturing norm bany visits. Within the hed training students and seminary works espective companies te seminary works. am Publishe Fakultet tehničkih na Sad Politechnika Lodzka Biata Mašinski fakultet, Ku Fakultet tehničkih na	echnological of ative time of ecoretical lect s in the appl . Colloquia a s. Besides, Mandatory Yes Yes Yes auka, Novi a, Bielsko- ragujevac	database f product ures, part ication of re written regularly Points 20.00 20.00 20.00 Year 2013 1999				
STEP a Techolo Techno 4. Teach Teachin is prese inforam in the f consult Comput Lecture Project Term pa Ord. 1, 2, 3,	Ind many othe ogical database logical database logical database logical database ing is performe ented with ap tion technolog form of the te fations are he Pre-examinate Pre-examinate er exercise at attendance aper A Todić, V., Mi Lukić, D. Kuric, I., Mat Debnar, R. Stefanović, N	rs. Develop se for mate ase and kn d in the forr propriate p yy through p est. In order ation obligat tendance	ment stage erials, produ owledge fo m of lecture ractical exa er to extend tions linte (udž Con Inte Con Inte Con Proj	es of technologie ucts, machine for standard pro- s and computer amples. Within amples, as well d the practical closer teaching Knowledge e Mandatory Yes Yes Yes Yes Yes grisani CAPP si 25000000000000000000000000000000000000	cal databa cools, fixtu cess plan - exercices computer as the dev knowledg o material evaluation Points 5.00 5.00 30.00 20.00 Litera Title stemi i teh ni) occess Plan	ise. Conceptual, logical a ures, tools, gauges and ning in CAPP systems. s, consultations and com- pratical classes perform velopment of the projects ge made visits to the re I and making appropria (maximum 100 points) Final ex Coloquium exam Coloquium exam Coloquium exam	nd physical design te manufacturing norm pany visits. Within the ned training students and seminary works espective companie te seminary works. cam Publishe Fakultet tehničkih na Sad Politechnika Lodzka Biata Mašinski fakultet, Ku	eoretical lect s in the appl . Colloquia a s. Besides, Mandatory Yes Yes er auka, Novi a, Bielsko- ragujevac auka, Novi	database. f product. ication of re written regularly Points 20.00 20.00 Year 2013 1999 2006				



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



Production Engineering

Study Programme Accreditation

UNDERGRADUATE ACADEMIC STUDIES

Course:	:										
Course	id:	P1404		Т	ribodi	agnostics and N	laintenance				
Number	r of ECTS:	6									
Teache	r:		Sovilj N. Bogdan								
Course	status:		Elective								
Number	r of active tead	hing classe	es (weekly)								
L	ectures:	Practical	classes:	Other teachi	ng types:	Study resea	arch work:	Other cla	isses:		
	2	()	2		0		0			
Precond	dition courses			None		•	•				
1. Educ	ational goal:										
Masterii	ng the content	in the field	of tribodiagn	ostics and ma	intenance						
	-			、							
2. Educ	ational outcom	nes (acquir	ed knowledge	e):							
	mpetence to c ion systems.	ritically an	alyze the exi	sting solution	s and syn	thesize the original solut	ions in the field of co	omputer integ	gration of		
3. Cours	se content/stru	icture:									
of tribol Lubrica	ogical proces nts. Tribologic	ses, funda ally correct	mental eleme	ents of tribome ing. Energy a	echanical nd materia	ch to tribological problems systems. Fundamentals al saving with the aid of to n of process systems.	of maintanance and	technical dia	agnostics.		
4. Teac	hing methods:					· · ·					
the sele and solu	ection of the th	eme and fo es in the la	ormulation of t	the task in coo	operation v	sible new directions in re with the supervisor, the e iments with the task of ga	aboration of a simula	tor, laborator	y models		
	-			Knowledge e	evaluation	(maximum 100 points)					
	Pre-examina	ation obliga	tions	Mandatory	Points	Final ex	kam	Mandatory	Points		
Exercise	e attendance			Yes	5.00	Written part of the exam	- tasks and theory	Yes	30.00		
	attendance			Yes		Oral part of the exam		Yes	30.00		
Project				Yes	15.00						
Project	task			Yes	15.00						
Ord						ature	Detro		N		
Ord. 1,		luthor	Podlo	oge za predava	Title anja "Tribo	odijagnostika i	Publishe	91°	Year 2012		
	Sovilj, B.		održa	ivanje"	-	-	Autorsko izdanje	a mi a mi a	-		
2,	Adamović, Ž			ologija održav	,		Tehnički fakultet, Zr Zavod za udžbenike	,	1998		
3,	Adamović, Ž	•		ička dijagnosti			sredstva, Beograd		1998		
4,	Babić, M.		Monit	oring ulja za p	odmaziva	inje	Mašinski fakultet, K	ragujevac	2004		



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



Production Engineering

Study Programme Accreditation

UNDERGRADUATE ACADEMIC STUDIES

Course:				Process Databases									
Course	id:	P1408		Process Databases									
Number	of ECTS:	6											
Teacher	-		Gostimiro	ostimirović P. Marin									
Course	Course status: Elective												
Number of active teaching classes (weekly)													
L	ectures:	Practical	classes:	sses: Other teaching types: Study research work: Other classes:									
	3	C)	3 0 0									
Precond	lition courses				None								
1. Educa	ational goal:												
	ng the basic ki and machinir			inform	ation techn	ologies, s	ystems and data bases a	and their concrete ap	oplication in p	roduction			
2. Educ	ational outcom	ies (acquire	ed knowle	dge):									
	knowledge s ion software					of conterr	porary programming sy	stems for design a	ind implemer	itation of			
3. Cours	se content/stru	cture:											
and imp structure machini parame of signa	3. Course content/structure: Information technologies and systems in production engineering: introduction, significance, basic means, information resources, design and implementation in production systems and machining processes. Theory of data bases: basic concepts, data organization, data structure, design and life cycle of data base, systems for data bases management, types and architecture of data bases. Data base of machining parameters: production technologies and processes of material machining, strategy and concept of designing cutting parameters data bases. Information systems for data acquisition: monitoring and management machining processes, type and preparation of signal, type and choice of acquisition system, concept of systems for data acquisition in production processes. Knowledge base and knowledge implementation: intelligent production system, neural networks, expert systems, fuzzy logic, genetic algorithms.												
4. Teacl	ning methods:												
course	contents and s the contents b	stimulation	of active	partic	ipation usi	ng necess	boration and consultatior ary didactical tools in su ned by computer applica	ich a way that the s	students are o	obliged to			
				K	nowledge e	evaluation	(maximum 100 points)		_				
	Pre-examina	0	tions	Ν	Mandatory	Points	Final ex	kam	Mandatory	Points			
	er excersise d				Yes		Written part of the exam	 tasks and theory 	Yes	30.00			
	er exercise att	endance			Yes		Oral part of the exam		Yes	30.00			
Term pa	attendance				Yes Yes	2.50 30.00							
ronn pe					165		ature						
Ord.	A	uthor				Title		Publish	er	Year			
1,	Gostimirović			aza po Ižbenil			esa, materijal za	Autorsko izdanje		2012			
2,	Lazarević, B.				odataka			Fakultet organizaci Beograd		2003			
3,	Mogin, P., Lu Govedarica M	И.	Pr	incipi į	projektovar	nja baza p	odataka	Fakultet tehničkih r Sad	nauka, Novi	2004			
4,	Stuart S, Nor	vig P.			Intelligence			Prentice Hall		2008			
5,	Date C.J.		Da	atabas	se system			Addison Wesley		2003			



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



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Study Programme Accreditation

UNDERGRADUATE ACADEMIC STUDIES

Production Engineering

Table 5.2 Course specification Course: Reverse Engineering and CAQ Course id: P1508 Number of ECTS: 6 Teachers: Budak M. Igor, Hadžistević J. Miodrag, Hodolič J. Janko, Vukelić B. Đorđe Course status: Elective Number of active teaching classes (weekly) Lectures: Practical classes: Other classes: Other teaching types: Study research work: 3 0 3 0 Precondition courses None 1. Educational goal: Mastering the basic knowledge of the application of reverse engineering modeling and implementation of CAQ system. 2. Educational outcomes (acquired knowledge): Ability to apply Reverse Engineering for modeling and CAQ system. 3 Course content/structure: Interpretation of the concept of reverse engineering. The role and importance of reverse engineering (RE) in an integrated design and manufacturing. The ability to integrate RE with other advanced techniques and technologies for product design RP and RT. Reverse Engineering Methodology. 3D digitizing - Definition and methods. Pre-processing of the results of 3D digitizing (filtering data-points, datapoints smoothing, reducing data-points, segmentation of data-points). Surface reconstruction - generating CAD model. General aspects of quality management - CAQ systems. Control and management of computer aided processes. Computer aided quality. System components and CIM. CMM integration into different manufacturing systems. Inspection of geometrical product specifications. 3Ddigitization in the product inspection. CAD-inspection and CAD-to-part inspection. 4. Teaching methods: Lectures are realized interactively through lectures, laboratory and computer practical classes. In lectures theoretical part is presented with characteristic examples for better understanding of subject content. In auditory practical classes, characteristical exercises are covererd. Acquired knowledge is practically applied in laboratory practical classes using available laboratory equipment. Apart from lectures and practical classes, consultations are held regularly Knowledge evaluation (maximum 100 points) Pre-examination obligations Mandatory Points Final exam Mandatory Exercise attendance 5.00 Written part of the exam - tasks and theory Yes Yes Lecture attendance 5.00 Oral part of the exam Yes Yes Term paper 20.00 Yes Test 10.00 Yes Test Yes 10.00 Literature Ord Title Author Publisher Fakultet tehničkih nauka, Novi Budak, I.: Hodolič, J. Reverzibilno inženjerstvo i CAD-inspekcija - skripta 1. Sad Fakultet tehničkih nauka, Novi 2, Majstorović, V, Hodolič, J. Numerički upravljane merne mašine Sad Fakultet tehničkih nauka, Novi Reverzibilno inženjerstvo (Poglavlje 2.3 u Plančak, 3 Budak I M.: Brza izrada prototipova, modela i alata Sad Povećanje tačnosti merenja numerički upravljanih Fakultet tehničkih nauka, Novi 4 Stević M mernih mašina, edicija tehničke nauke - monografija Sad Hodolič, J.; Stević, M.; Bešić, Fakultet tehničkih nauka. Novi 5, Merna nesigurnost u industrijskoj metrologiji ; Antić, A. i dr Sad Budak, I.; Hodolič, J.; Bešić, Fakultet tehničkih nauka, Novi 6 Koordinatne merne mašine i CAD inspekcija I.; Vukelić, Đ. i dr. Sad CRC Press, Taylor and Francis 7 Wego Wang Reverse Engineering: Technology of Reinvention Group

Points

30.00

20.00

Year

2011

1997

2009

2006

2009

2009

2010



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



Study Programme Accreditation

UNDERGRADUATE ACADEMIC STUDIES

Production Engineering

Course:				_				
Course id:	P1507			Inc	ovational Techn	ologies		
Number of EC	TS: 6	1						
Teachers:		Gostimirović	P. Marin, Ko	vač P. Pav	vel, Sekulić Lj. Milenko			
Course status:		Elective						
Number of act	ve teaching class	es (weekly)						
Lectures	s: Practica	l classes:	Other teachi	ng types:	Study resea	arch work:	Other cla	isses:
2		0	2		0		0	
Precondition c	ourses		None					
1. Educational	goal:							
Mastering the	content in the field	d of innovation	technologies					
J								
2. Educational	outcomes (acquir	ed knowledge	e):					
The competer production sys		alyze the exis	sting solution	s and syn	thesize the original solut	ions in the field of co	omputer integ	gration of
3. Course cont	ent/structure:							
machine mate assisted mach	rials. Manufactur ining). Hybrid mac	ing processe chining (ultrase	s for sustaina onically assist	ability (dry	onolithic parts). Machinir and semi-dry machinin laser assisted machinin processes. Methods for r	g, cryogenic machin g, plasma assisted m	ing, high pre achining). Mu	ssure jet
4. Teaching m	•	<u> </u>					<u> </u>	
Lectures are reby the charact realized on av	ealized interactive eristic examples ir ailable laboratory	n order to easi / equipment.	ily understand On computer	l material. exercises	computer exercise. On cla On laboratory exercises s use of information and ar consultations are orga	practical application of communication tech	of gained know	wledge is
			Knowledge e	evaluation	(maximum 100 points)			
Pre-e	examination obligation	ations	Mandatory	Points	Final ex	kam	Mandatory	Points
Exercise atten	dance		Yes	5.00	Oral part of the exam		Yes	50.00
Lecture attend	ance		Yes	5.00				
Term paper			Yes	20.00				
Test Test			Yes	10.00				
Test			Yes					
Ord	Author				ature	Dublish		Veer
Ord. 1. Seku	Author					Publishe	÷1	Year 2009
,		Advanced Machining Processes of Metallic Materials						
2, Grzes		Theor	ry, Modelling a	and Applic		Elsevier Science Lt	u	2008
3, Davir	n Paulo J.	Mach	ining of hard I	materials		Springer		2011



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



Production Engineering

Study Programme Accreditation

UNDERGRADUATE ACADEMIC STUDIES

Course:													
Course	id:	P2406				Composite Mate	erials						
Number	of ECTS:	4											
Teache	r:		Baloš S. S	ebastian									
Course	status:		Elective										
Number	of active teac	hing classe	es (weekly)										
L	ectures:	Practical	classes:	Other teachi	ng types:	Study resea	arch work:	Other cla	asses:				
	2	()	2 0 0									
Precond	lition courses	-	-	None									
1. Educ	1. Educational goal:												
Masterii	ng the content	in the field	of composi	ite materials.									
2. Educ	ational outcom	nes (acquire	ed knowledg	ge):									
	npetence to c ion systems.	ritically an	alyze the ex	xisting solutions	s and syn	thesize the original solut	ions in the field of co	omputer inte	gration of				
3. Cours	se content/stru	icture:											
Fiber re						conventional, dispersion aminate composites and							
4. Teac	hing methods:												
approp	riate engineer	ring exam	ples that al		ctive und	rcise. Lectures comprise erstanding. Auditorial ar arly held.							
				Knowledge e	evaluation	(maximum 100 points)							
	Pre-examina	ation obliga	tions	Mandatory	Points	Final ex	am	Mandatory	Points				
Present				Yes		Theoretical part of the ex	am	Yes	70.00				
Term pa	aper			Yes	20.00								
					Liter	ature							
Ord.	A	uthor			Title	2	Publishe		Year				
1,	D. Hull		An	Introduction to	Composite	e Materials	CAMBRIDGE UNIV PRESS	EKSIIY	1992				
2,	R.M.Jones Mechanics of composite materials Taylor & Francis 1999												
3,													



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Study Programme Accreditation

UNDERGRADUATE ACADEMIC STUDIES

Production Engineering

Course	:											
Course	id:	P2411	Virt	ual Proc	luctior	in Technologie	s of Plastic D	eformin	g			
Number	r of ECTS:	6										
Teache	er:		Lužanin B. O	gnjan								
Course	status:		Elective									
Number	r of active tead	hing classe	s (weekly)									
L	ectures:	Practical	classes:	Other teachi	ng types:	Study resea	arch work:	Other cla	asses:			
	3	0		3 0 0								
Precon	dition courses	-		None								
1. Educational goal:												
Masteri	ing the content	in the field	of virtual proc	duction in tech	nnologies	of plastic deforming.						
2. Educ	ational outcon	nes (acquire	ed knowledge):								
	mpetence to c tion systems.	ritically and	alyze the exis	ting solution	s and syn	thesize the original solut	ions in the field of co	omputer integ	gration of			
3. Cour	se content/stru	ucture:										
modern Identifyi	n communicati	on protoco rections for	Is and syster further resea	ms. Overview	/ of mode	on systems. Plastic defor rn surroundings for testi e and the task. Realizatio	ng and verifying cor	nmunication	systems.			
4. Teac	hing methods:											
Lecture	es and mentor	work.										
				Knowledge e	evaluation	(maximum 100 points)						
	Pre-examina	ation obligat	ions	Mandatory	Points	Final ex	am	Mandatory	Points			
	ter exercise at	tendance		Yes		Final exam - part one		No	20.00			
Homew	-			Yes		Final exam - part two		No	50.00			
Lecture	attendance			Yes		Written part of the exam	tasks and theory	Yes	70.00			
						ature						
Ord.		Author			Title		Publishe Fakultet tehničkih n		Year			
1,	Plančak, M.,			u virtuelnu pr	oizvodnju	– skripta	Sad		2005			
2,	Burdea, G.C	., Coiffet, P	. Virtua	I Reality Tech	nology		John Wiley & Sons		2003			



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



Production Engineering

Study Programme Accreditation

UNDERGRADUATE ACADEMIC STUDIES

Course:				Contomporan (Matoriala								
Course	id:	P2412			C	ontemporary Ma	aterials					
Number	of ECTS:	6										
Teache	r:		Gerić D. k	Katarina								
Course	status:		Elective									
Number	of active teac	hing classe	es (weekly)	I								
L	ectures:	Practical	classes:	Other teachi	ng types:	Study resea	arch work:	Other cla	sses:			
	3	()	3		0		0				
Precond	lition courses			None			•					
1. Educ	ational goal:											
Masterii	ng the content	in the field	of contem	porary materials								
2. Educ	ational outcom	nes (acquire	ed knowled	lge):								
	npetence to c ion systems.	ritically an	alyze the e	existing solution	s and syn	thesize the original solut	ions in the field of co	omputer integ	gration of			
3. Cours	se content/stru	icture:										
Overvie system	w of modern on s. Identifying	communica possible (ation protoc directions	cols and system	s. Overvie arch. De	f modern programme tool ew of modern surroundin fining the theme and th	gs for testing and ve	rifying comm	unication			
4. Teac	hing methods:											
the sele and solu	ction of the the	eme and fo es in the lal	ormulation of	of the task in coo	operation v	sible new directions in re with the supervisor, the e iments with the task of ga	aboration of a simula	tor, laborator	y models			
				Knowledge e	evaluation	(maximum 100 points)						
	Pre-examina	tion obliga	tions	Mandatory	Points	Final ex	kam	Mandatory	Points			
	ory exercise a	ttendance		Yes		Coloquium exam		Yes	20.00			
_	attendance			Yes		Oral part of the exam		Yes	50.00			
Term pa	aper			Yes	10.00 10.00							
Test				Yes		- 4						
						ature						
Ord.		uthor			Title	9	Publishe Fakultet tehničkih n		Year			
1,	Šiđanin, L.		Masinski materijali li Sad						1996			
2,	Callister, W.	D.	Jr.	Jr. "Materials Science and Engineering" Sad Jobra John Wiley & Sons. Inc. New York 1997								



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



Study Programme Accreditation

UNDERGRADUATE ACADEMIC STUDIES

Production Engineering

Course	:											
Loonse	id:	P2409A			Moderi	n Joining Techr	nologies - 2					
Numbe	r of ECTS:	6										
Teache	er:		Baloš S. Se	bastian								
Course	status:		Elective									
Numbe	r of active teac	hing classe	es (weekly)									
L	.ectures:	Practical	classes:	Other teachi	ng types:	Study resea	arch work:	Other cla	asses:			
	2	()	2		0		0				
Precon	dition courses			None								
1. Educ	ational goal:											
Masteri	ng the content	in the field	of computer	integration of	production	systems.						
2. Educ	ational outcom	nes (acquire	ed knowledge	e):								
	mpetence to c tion systems.	ritically and	alyze the ex	isting solutions	s and synt	hesize the original solut	ions in the field of co	omputer integ	gration of			
3. Cour	se content/stru	icture:										
Overvie	ew of contempo	orary techn	ologies of joi	ning materials.								
4. Teac	bing mothodo:											
	methous.											
Lecture the sele and sol	es are elaborate ection of the the ution prototype	ed through eme and fo es in the lat	rmulation of	the task in coo	peration w	sible new directions in re vith the supervisor, the e iments with the task of g	aboration of a simula	tor, laborator	ry models			
Lecture the sele and sol	es are elaborate	ed through eme and fo es in the lat	rmulation of	the task in coo eries of labora	operation w tory experi	vith the supervisor, the e ments with the task of g	aboration of a simula	tor, laborator	ry models			
Lecture the sele and sol	es are elaborate ection of the the ution prototype e review by the	ed through eme and fo es in the lat lecturer.	rmulation of poratory, a s	the task in coo eries of labora Knowledge e	operation w tory experi	with the supervisor, the e	aboration of a simula athering necessary da	tor, laborator ata, paper ela	ry models			
Lecture the sele and sol	es are elaborate ection of the the ution prototype e review by the Pre-examina	ed through eme and fo es in the lat lecturer.	rmulation of poratory, a s	the task in coo eries of labora	operation w tory experi evaluation Points	vith the supervisor, the e ments with the task of ga (maximum 100 points)	aboration of a simula athering necessary da kam	tor, laborator	ry models aboration,			
Lecture the sele and sol and the	es are elaborate ection of the the ution prototype review by the Pre-examina tation	ed through eme and fo es in the lat lecturer.	rmulation of poratory, a s	the task in coo eries of labora Knowledge e Mandatory	operation w tory experi evaluation Points	vith the supervisor, the e iments with the task of ga (maximum 100 points) Final e:	aboration of a simula athering necessary da kam	itor, laborator ata, paper ela Mandatory	ry models aboration, Points			
Lecture the sele and sol and the Present	es are elaborate ection of the the ution prototype review by the Pre-examina tation	ed through eme and fo es in the lat lecturer.	rmulation of poratory, a s	the task in coordinates of laboration of the task in coordinates of laboration of the task in coordinates of task in coor	operation w tory experi evaluation Points 10.00	vith the supervisor, the e ments with the task of ga (maximum 100 points) Final ex Theoretical part of the ex	aboration of a simula athering necessary da kam	itor, laborator ata, paper ela Mandatory	ry models aboration, Points			
Lecture the sele and sol and the Present	es are elaborate ection of the the ution prototype review by the Pre-examina tation aper	ed through eme and fo es in the lat lecturer.	rmulation of poratory, a s	the task in coordinates of laboration of the task in coordinates of laboration of the task in coordinates of task in coor	evaluation Points 10.00 20.00	vith the supervisor, the e ments with the task of ga (maximum 100 points) Final ex Theoretical part of the ex	aboration of a simula athering necessary da kam am Publishe	tor, laborator ata, paper ela Mandatory Yes	ry models aboration, Points			
Lecture the sele and sol and the Present Term pa	es are elaborate ection of the the ution prototype review by the Pre-examina tation aper	ed through eme and fo es in the lat lecturer.	tions	the task in coordinates of laboration of the task in coordinates of laboration of the task in coordinates of task in coor	evaluation Points 10.00 20.00 Litera	vith the supervisor, the e ments with the task of ga (maximum 100 points) Final ex Theoretical part of the ex	aboration of a simula athering necessary da kam am Publishe Fakultet tehničkih na Sad	tor, laborator ata, paper ela Mandatory Yes er auka - Novi	Points 70.00			
Lecture the sele and sol and the Present Term pa Ord.	es are elaborate ection of the the ution prototype review by the Pre-examina tation aper A	ed through eme and fo es in the lat lecturer.	tions	the task in coc eries of labora Knowledge e Mandatory Yes Yes rivanje	evaluation Points 10.00 20.00 Litera Title	vith the supervisor, the e ments with the task of ga (maximum 100 points) Final ex Theoretical part of the ex	aboration of a simula athering necessary da kam am Publishe Fakultet tehničkih na Sad Fakultet tehničkih na Sad	tor, laborator ata, paper ela Mandatory Yes er auka - Novi auka, Novi	Points 70.00 Year			
Lecture the sele and sol and the Present Term pa Ord.	s are elaborative cition of the thiution prototype review by the Pre-examinatation aper A Palić, V. Sabo, B. Sabo, B. i dr.	ed through eme and fo es in the lat lecturer. ation obliga	tions Zava Zava	the task in coc eries of labora Knowledge e Mandatory Yes Yes rivanje	evaluation Points 10.00 20.00 Litera Title	vith the supervisor, the eliments with the task of ga (maximum 100 points) Final ex Theoretical part of the ex ature arivanja - skripta	aboration of a simula athering necessary da kam am Publishe Fakultet tehničkih na Sad Fakultet tehničkih na	tor, laborator ata, paper ela Mandatory Yes er auka - Novi auka, Novi	Points 70.00 Year 1987			
Lecture the sele and sol and the Present Term pa Ord. 1, 2,	Pre-examina tation aper Palić, V. Sabo, B.	ed through eme and fo es in the lat lecturer. ation obliga author Borisavljevi	tions Zava č, M.; Zava	the task in coc eries of labora Knowledge e Mandatory Yes Yes rivanje	evaluation Points 10.00 20.00 Litera Title era iz zava	vith the supervisor, the eliments with the task of ga (maximum 100 points) Final end Theoretical part of the ex ature arivanja - skripta - priručnik	aboration of a simula athering necessary da kam am Publishe Fakultet tehničkih na Sad Fakultet tehničkih na Sad Novosadski sajam I Sad SMEITS i ZZZ Beog	Mandatory Yes rauka - Novi auka, Novi DD - Novi	Points 70.00 Year 1987 2003			
Lecture the sele and sol and the Present Term pa Ord. 1, 2, 3,	Pre-examina tation aper Palić, V. Sabo, B. i dr. Bogner, M.; F	ed through eme and fo es in the lat lecturer. ation obliga ation obliga suthor Sorisavljevi ; Vračar, D	tions Zava č, M.; Zava	the task in coc eries of labora Knowledge e Mandatory Yes Yes Yes rivanje a rešenih prim rivanje nerđaju rivanje - konst	evaluation Points 10.00 20.00 Litera Title era iz zava ućih čelika ruisanje i p	vith the supervisor, the eliments with the task of ga (maximum 100 points) Final el Theoretical part of the ex ature arivanja - skripta - priručnik proračuni	aboration of a simula athering necessary da kam am Publishe Fakultet tehničkih na Sad Fakultet tehničkih na Sad Novosadski sajam I Sad	tor, laborator ata, paper ela Mandatory Yes er auka - Novi auka, Novi DD - Novi grad ostar i	Points 70.00 Year 1987 2003 1995			
Lecture the sele and sol and the Present Term pa Ord. 1, 2, 3, 4,	s are elaborati ection of the thi- ution prototype review by the Pre-examina tation aper A Palić, V. Sabo, B. Sabo, B. i dr. Bogner, M.; E Trbojević, N.	ed through eme and fo es in the lat lecturer. ation obliga ation obliga suthor Borisavljevi ; Vračar, D ; Pašić, O	tions Zava ć, M.; Zava Zbirk Zava	the task in coc eries of labora Knowledge e Mandatory Yes Yes rivanje rivanje rivanje nerđaju rivanje - konst	evaluation Points 10.00 20.00 Litera Title era iz zava ućih čelika ruisanje i p	vith the supervisor, the eliments with the task of ga (maximum 100 points) Final el Theoretical part of the ex ature arivanja - skripta - priručnik proračuni	aboration of a simula athering necessary da kam am Publishe Fakultet tehničkih na Sad Fakultet tehničkih na Sad Novosadski sajam [Sad SMEITS i ZZZ Beog Mašinski fakultet Mo	tor, laborator ata, paper ela Mandatory Yes er auka - Novi auka, Novi DD - Novi grad ostar i anja Luka	ry models aboration, Points 70.00 Year 1987 2003 1995 1998			



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



Study Programme Accreditation

UNDERGRADUATE ACADEMIC STUDIES

Production Engineering

	:									
Course	id:	P3503		Machir	nes ar	nd Devices for P	lastic Proces	sing		
Numbe	r of ECTS:	6								
Teache	ers:	Pla	ančak E. M	liroslav, Viloti	ć Ž. Dragi	ša				
Course	status:	El	ective							
Numbe	r of active teac	hing classes (weekly)							
L	ectures:	Practical cla	isses:	Other teachi	ng types:	Study resea	arch work:	Other cla	asses:	
	3	0		3		0		0		
Precon	dition courses		None							
1. Educ	ational goal:									
Masteri	ing the content	in the field of	machines a	and devices f	or plastic	processing.				
2. Educ	ational outcom	nes (acquired l	(nowledge)):						
	dge gained in sign and calcul				machines	for plastic processing, de	termination of optima	al machine pa	arameters	
	se content/stru									
	hines and equi		nines Diffe	rant varianta	.					
plastic	shaping with o g of plastic ma	cyclical effect.	stics. Mach Machines	ines for conti for plastic ir	inuous m ijection m	nes for plastics. The struct anufacturing processes (iolding. Hot forming mach ssing.	calendering, extrusio	n, etc). Mac	chines for	
plastic welding		cyclical effect. terials. Additio	stics. Mach Machines	ines for conti for plastic ir	inuous m ijection m	anufacturing processes (olding. Hot forming mac	calendering, extrusio	n, etc). Mac	chines for	
plastic welding 4. Teac Teachir of their for plas equipm	g of plastic ma ching methods: ng is performed use and the ap stics processin	yclical effect. terials. Addition d interactively i ppropriate cho g is also desc shaping is pro	stics. Mach Machines onal equips in lectures ice of tech ribed. In ex esented. P	ines for conti for plastic ir ment for plas and exercise nology in the xercises, the ractical and	inuous m njection m stic proce s. In the le design p design o detailed ii	anufacturing processes (lolding. Hot forming mac ssing. ectures certain types of pla rocess. Detail structure of f plastic manufacturing p ntroduction to certain type	calendering, extrusion nine for plastic. Equi astic shaping machin certain types of mac rocesses and the se	n, etc). Mac ipment for joi es are taught chinery and e election of ap	t, in terms quipment	
plastic welding 4. Teac Teachir of their for plas equipm	g of plastic ma ching methods: ng is performed use and the ap stics processin ent for plastic	yclical effect. terials. Addition d interactively i ppropriate cho g is also desc shaping is pro	stics. Mach Machines onal equips in lectures ice of tech ribed. In ex esented. P	ines for conti for plastic ir ment for plas and exercises nology in the xercises, the ractical and sultations are	inuous m njection m stic proce s. In the le design p design o detailed in e held as	anufacturing processes (lolding. Hot forming mac ssing. ectures certain types of pla rocess. Detail structure of f plastic manufacturing p ntroduction to certain type	calendering, extrusion nine for plastic. Equi astic shaping machin certain types of mac rocesses and the se	n, etc). Mac ipment for joi es are taught chinery and e election of ap	t, in terms quipment	
plastic welding 4. Teac Teachir of their for plas equipm	g of plastic ma shing methods: ng is performed use and the ap stics processin ent for plastic n visits to spec	yclical effect. terials. Addition d interactively i ppropriate cho g is also desc shaping is pro	stics. Mach Machines onal equipr in lectures : ice of tech rribed. In e: esented. P nnies. Cons	ines for conti for plastic ir ment for plas and exercises nology in the xercises, the ractical and sultations are	inuous m njection m stic proce s. In the le design p design o detailed in e held as	anufacturing processes (olding. Hot forming mach ssing. ectures certain types of pla rocess. Detail structure of f plastic manufacturing po throduction to certain type well.	calendering, extrusion nine for plastic. Equi astic shaping machin certain types of mac rocesses and the se es of machines for p	n, etc). Mac ipment for joi es are taught chinery and e election of ap	t, in terms quipment	
plastic welding 4. Teac Teachir of their for plas equipm through Graphic	g of plastic ma ching methods: ng is performed use and the a stics processin ent for plastic n visits to spec Pre-examina c paper	yclical effect. terials. Addition d interactively i ppropriate cho g is also desc shaping is pro- ialized compa	stics. Mach Machines onal equipr in lectures : ice of tech rribed. In e: esented. P nnies. Cons	ines for conti for plastic ir ment for plas and exercises nology in the xercises, the ractical and sultations are Knowledge e	inuous m njection m stic proce design p design o detailed in held as evaluation Points 30.00	anufacturing processes (lolding. Hot forming mach ssing. ectures certain types of pla rocess. Detail structure of f plastic manufacturing p introduction to certain type well. (maximum 100 points) Final ex Written part of the exam	calendering, extrusion nine for plastic. Equi astic shaping machin certain types of mac rocesses and the se as of machines for p	n, etc). Mac ipment for join es are taught chinery and e election of ap lastic molding	t, in terms quipment g is done Points	
plastic welding 4. Teac Teachir of their for plas equipm through Graphic	g of plastic ma ching methods: ng is performed use and the ap stics processin nent for plastic n visits to spec Pre-examina	yclical effect. terials. Addition d interactively i ppropriate cho g is also desc shaping is pro- ialized compa	stics. Mach Machines onal equipr in lectures : ice of tech rribed. In e: esented. P nnies. Cons	ines for conti for plastic ir ment for plas and exercises nology in the xercises, the ractical and sultations are Knowledge e Mandatory	inuous m njection m stic proce design p design o detailed in held as evaluation Points 30.00	anufacturing processes (lolding. Hot forming mach ssing. ectures certain types of pla rocess. Detail structure of f plastic manufacturing p ntroduction to certain type well. (maximum 100 points) Final ex	calendering, extrusion nine for plastic. Equi astic shaping machin certain types of mac rocesses and the se as of machines for p	n, etc). Mac ipment for joi es are taught chinery and e election of ap lastic molding Mandatory	chines for ining and c, in terms quipment propriate g is done Points 40.00	
plastic welding 4. Teac Teachir of their for plas equipm through Graphic	g of plastic ma ching methods: ng is performed use and the a stics processin ent for plastic n visits to spec Pre-examina c paper	yclical effect. terials. Addition d interactively i ppropriate cho g is also desc shaping is pro- ialized compa	stics. Mach Machines onal equipr in lectures : ice of tech rribed. In e: esented. P nnies. Cons	ines for conti for plastic ir ment for plas and exercises nology in the xercises, the ractical and sultations are Knowledge e Mandatory Yes	inuous m bjection m stic proce design pr design o detailed in e held as evaluation Points 30.00 5.00	anufacturing processes (lolding. Hot forming mach ssing. ectures certain types of pla rocess. Detail structure of f plastic manufacturing p introduction to certain type well. (maximum 100 points) Final ex Written part of the exam	calendering, extrusion nine for plastic. Equi astic shaping machin certain types of mac rocesses and the se as of machines for p	n, etc). Mac ipment for join es are taught chinery and e election of ap lastic molding Mandatory Yes	chines for ining and c, in terms quipment propriate g is done Points 40.00	
plastic welding 4. Teac Teachir of their for plas equipm through Graphic	g of plastic ma ching methods: ng is performed use and the ap stics processin tent for plastic n visits to spec Pre-examina c paper e attendance	yclical effect. terials. Addition d interactively i ppropriate cho g is also desc shaping is pro- ialized compa	stics. Mach Machines onal equipr in lectures : ice of tech rribed. In e: esented. P nnies. Cons	ines for conti for plastic ir ment for plas and exercises nology in the xercises, the ractical and sultations are Knowledge e Mandatory Yes	inuous m bjection m stic proce design pr design o detailed in e held as evaluation Points 30.00 5.00	anufacturing processes (lolding. Hot forming mach ssing. ectures certain types of pla rocess. Detail structure of f plastic manufacturing p ntroduction to certain type well. (maximum 100 points) Final ex Written part of the exam Oral part of the exam ature	calendering, extrusion nine for plastic. Equi astic shaping machin certain types of mac rocesses and the se as of machines for p	n, etc). Mac ipment for join es are taught chinery and e election of ap lastic molding Mandatory Yes Yes	chines for ining and c, in terms quipment propriate g is done Points 40.00	
plastic welding 4. Teac Teachir of their for plas equipm through Graphic Lecture	g of plastic ma shing methods: ing is performed use and the ap stics processin ient for plastic n visits to spec Pre-examina c paper attendance	d interactively ppropriate cho g is also desc shaping is pro- cialized compa ation obligation	stics. Mach Machines onal equipr in lectures of ice of tech ribed. In e: esented. P nnies. Cons	ines for conti for plastic ir ment for plas and exercises nology in the xercises, the ractical and sultations are Knowledge e Mandatory Yes Yes Yes	inuous m bjection m stic proce design p design o detailed in held as evaluation Points 30.00 5.00 Liter Title	anufacturing processes (lolding. Hot forming mach ssing. ectures certain types of pla rocess. Detail structure of f plastic manufacturing po- ntroduction to certain type well. (maximum 100 points) (maximum 100 points) Final ex Written part of the exam oral part of the exam ature e in tvorevina	calendering, extrusion nine for plastic. Equi astic shaping machin certain types of mac rocesses and the se es of machines for p cam tasks and theory	n, etc). Mac ipment for join es are taught chinery and e election of ap lastic molding Mandatory Yes Yes	, in terms quipment propriate g is done Points 40.00 25.00	
plastic welding 4. Teac Teachir of their for plas equipm through Graphic Lecture Ord.	g of plastic ma ching methods: ng is performed use and the a stics processin tent for plastic n visits to spec Pre-examina c paper attendance	d interactively ppropriate cho g is also desc shaping is pro- ialized compa ation obligation	stics. Mach Machines onal equipr in lectures of ice of tech ribed. In e: esented. P nnies. Cons	ines for conti for plastic ir ment for plas and exercises nology in the xercises, the ractical and o sultations are Knowledge e Mandatory Yes Yes	inuous m bjection m stic proce design p design o detailed in held as evaluation Points 30.00 5.00 Liter Title	anufacturing processes (lolding. Hot forming mach ssing. ectures certain types of pla rocess. Detail structure of f plastic manufacturing po- ntroduction to certain type well. (maximum 100 points) (maximum 100 points) Final ex Written part of the exam oral part of the exam ature e in tvorevina	calendering, extrusion nine for plastic. Equi astic shaping machin certain types of mac rocesses and the se es of machines for p cam tasks and theory Publishe	n, etc). Mac ipment for joi es are taught chinery and e election of ap lastic molding Mandatory Yes Yes er vo, Zagreb	chines for ining and quipment propriate g is done Points 40.00 25.00 Year	



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

State and

Production Engineering

Study Programme Accreditation

UNDERGRADUATE ACADEMIC STUDIES

Course:	:									
Course	id:	P4408	E	Entreprer	neursh	ip in Small and	Medium Ente	rprises		
Number	r of ECTS:	4								
Teache	rs:		Milošević P.	Mijodrag, Too	dić V. Velii	mir				
Course	status:		Elective							
Number	r of active tead	ching classe	es (weekly)							
	ectures:	Practical		Other teachi	ng types:	Study resea	arch work:	Other cla	isses:	
	2	2	2	0		0		0		
Precond	Precondition courses None									
1. Educational goal:										
	ts learn to use	the entrepr	eneurs tools	in SMEs.						
2. Educ	ational outcon	nes (acquire	ed knowledge	e):						
Acquire systems		enables stu	dents to appl	y entrepreneu	irship and	management principles i	n development and o	peration of p	roduction	
3. Cours	se content/stru	ucture:								
analysis financia mission 4. Teachir lectures appropi perform held in part of	s. Evaluation a al plan. The o n. SWOT anal hing methods: ng is performe s theoretical p iate seminary ned training stu order to move	and selectic rganization ysis. Innov d in the forr part is pres works. In c udents in the e closer tea ten exam v	on methods for al aspects of ative in entro- m of lectures, sented with a order to expand e application ching materia within which	or products ar f entrepreneu epreneurship. , auditory and appropriate pr and practical I of inforamtion al and making works approp	ad process Irship. Ma Manage laborator ractical ex knowledge technolog pappropri- priate task	ction of business ideas. I ses. The process of deve arketing in entrepreneurs ment in production. y and computer exercices xamples. Within auditory e, various companies are y in the teaching observe ate seminary works. Collo cs. Grade is based on at	s, consultations and consultations are written anconsultation are written anconsultations are written are	of business p eting plan. Vi company visit ssigments, as puter pratica larly consulta I related to th	plan. The ision and s. During s well as il classes ations are neoretical	
				Knowledge e	evaluation	(maximum 100 points)				
	Pre-examina	ation obligat	tions	Mandatory	Points	Final ex		Mandatory	Points	
	e attendance			Yes		Written part of the exam	- tasks and theory	Yes	30.00	
	attendance			Yes		Coloquium exam		Yes	20.00	
Term pa	aper			Yes		Coloquium exam		Yes	20.00	
						ature				
Ord.		Author	Title Publisher						Year	
1,	Todić, V., Pe D., Milošević	, М.	Sad Zorri						2011	
2,	Paunović, S.					e do realizacije	Beograd		1998	
3,	Leković, B.			ipi menadžme	nta		Ekonomski fakultet,		2003	
4,	Krstić, J.	<u> </u>	Biznis plan Prometej, Novi Sad 2003							
5, Bojović, V., Šenk, V, i dr. Vodič za inovativne preduzetnike Kontekta konsalting, Novi Sad 2007										



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



Study Programme Accreditation

UNDERGRADUATE ACADEMIC STUDIES

Production Engineering

Table 5.2	Course	specification
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Course:											
Course id:		P316A		Тес	chnolo	gy for Microcutt	ing Processe	S			
Number of E	CTS:	4									
Teachers:			Gostimirovi	ć P. Marin, Ko	vač P. Pav	vel, Sekulić Lj. Milenko					
Course statu	s:		Elective								
Number of a	ctive teac	hing classe	es (weekly)								
Lectur	es:	Practical	classes:	Other teachi	ing types:	Study resea	arch work:	Other cla	isses:		
2		(D	2		0		0			
Precondition	courses			None			•				
1. Educational goal:											
Acquiring of and selectior					technolog	y by material removal wh	ich is used in design	ing of precise	products		
2. Education	al outcom	es (acquir	ed knowledg	e):							
				rs of machines of optimal cutti		er devices to accurately c eters.	lesign micro product	s and techno	logists to		
3. Course co	ntent/stru	cture:									
and precisior of micro-mac	n of micro chining by ning and o	-machining mechanic chemical li	g). Technolog al, magnetic thography ma	gies of micro-c and ultrasoun achining. Spec	utting with d machini	s, forces and temperatur turning, drilling, milling a ng, electrical discharge a manufacturing of micro to	nd grinding. Non-con nd electrochemical n	ventional tech achining, hig	nnologies h-energy		
4. Teaching	methods:										
characteristi classes using	c exampl g availabl	es for bett e laborato	ter understar	nding of subje it. Apart from I	ect conten lectures a	y practical classes. In le t. Acquired knowledge is nd practical classes, cons and oral exam.	practically applied	in laboratory	practical		
				Knowledge	evaluation	(maximum 100 points)					
Pre	e-examina	tion obliga	tions	Mandatory	Points	Final ex	kam	Mandatory	Points		
Exercise atte				Yes		Written part of the exam	- tasks and theory	Yes	30.00		
Lecture atter	idance			Yes		Oral part of the exam		Yes	30.00		
Term paper				Yes	35.00						
01						ature	Dublish	.	Maar		
Ord. . Milil		uthor stimirovoć	M		Title		Publishe Fakultet tehničkih n		Year		
1 1	Sekulić M. Osnove tehnologije obrade rezanjem Sad 2008										
2, Gostimirović M. Nekonvencionalni postupci obrade Fakultet tehničkih nauka, Novi Sad 2012											
Sad Sad 3. Jackson J.M. Micro and nanomanufacturing Springer 2007									2012		



UNIVERSITY OF NOVI SAD

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



Study Programme Accreditation

UNDERGRADUATE ACADEMIC STUDIES

Production Engineering

	c		Technological Preparation of Production in Precision Engineering								
Course	id:	P320									
Numbe	r of ECTS:	6				Engineering	1				
Teache	ers:	Ī	Milošević P.	Mijodrag, Too	lić V. Velir	nir					
Course	status:		Elective								
Numbe	r of active teac	hing classes	s (weekly)								
L	ectures:	Practical of	classes:	Other teachi	ng types:	Study resea	arch work:	Other cla	isses:		
	3	0		3		0		0			
Precon	dition courses										
1 Educ	cational goal:			<u>.</u>							
	-	modern met	thode and ter	chnique in the	technolog	gical preparation of produ	ction work in precisio	n engineering	~		
Sluden							cuon work in precisio	n engineenni	J.		
2. Educ	cational outcom	nes (acquire	d knowledge):							
The kn	owledge acqui	red provide	conceptual.	macro and n	nicro man	ufacturing process plann	ing by applying DFM	A methodolo	ogies and		
	pment integrat					5 F F -	5 - 5 - 17 - 5		J		
3. Cour	rse content/stru	icture:									
manufa Method	acturing system is and software	ns. Fundam es for use D	ental phases FMA methor	technologic dology. Anal	al prepara ysis manu	anufacturing systems. Te ation of production. Design facturability of product. S	n for manufacturing Selection of workpied	and assemb es and manu	ly-DFMA Ifacturing		
Develo system	pment technolo . Modern appr	ogical datab oach in dev	eloping integ	wledge. Integrated CAPP	gration of (system. Fe	and types of CAPP syst CAD/CAPP/CAM system eature-based technology integration of design an	s and other CAx sys Application of artific	tems in manu ial intelligent	ufacturing methods		
manufa	acturing proces	ss planning	and forming	spatial strue	cture man	ufacturing systems. Mod recision engineering.					
<u>· ·</u>	ching methods:	0			0 1	0 0					
Teachi	ng is performe	d in the for	m of lectures	, laboratory	and comp		line and company.				
			annronriate	practical ova		uter exercises, consulta	lions and company v	visits. During	lectures		
		and davalar				thin laboratory exercises	with practically app	ly the knowle	dge from		
			oment of the	projects and	seminary	thin laboratory exercises works. Within computer p	with practically app pratical classes perfo	ly the knowle rmed training	dge from students		
practica		foramtion te nade visits t	oment of the chnology thr to the respec	projects and ough practica tive compani	seminary Il example es. Beside	thin laboratory exercises	with practically app pratical classes perfo the form of the test.	ly the knowle rmed training In order to e	dge from students xtend the		
practica	al and making a	foramtion te nade visits t	oment of the chnology thr to the respec	projects and ough practica tive companions seminary wo	seminary Il example es. Beside orks.	thin laboratory exercises works. Within computer p s. Colloquia are written in s, regularly consultation	with practically app pratical classes perfo the form of the test.	ly the knowle rmed training In order to e	dge from students xtend the		
practica	al and making a	foramtion te nade visits t appropriate	or the respective projects and	projects and ough practica tive compani- seminary wo Knowledge e	seminary I example es. Beside rks. evaluation	thin laboratory exercises works. Within computer p s. Colloquia are written in es, regularly consultations (maximum 100 points)	with practically app pratical classes perfo the form of the test. s are held in order to	ly the knowle rmed training In order to e move closer	dge from students xtend the teaching		
practica materia	al and making a Pre-examina	foramtion te nade visits t appropriate	or the respective projects and	projects and ough practica tive companions seminary wo	seminary Il example es. Beside orks. evaluation Points	thin laboratory exercises works. Within computer p s. Colloquia are written in es, regularly consultations (maximum 100 points) Final es	with practically app pratical classes perfo the form of the test. s are held in order to	ly the knowle rmed training In order to e move closer Mandatory	edge from students xtend the teaching Points		
practica materia Exercis	al and making a Pre-examina se attendance	foramtion te nade visits t appropriate	or the respective projects and	projects and ough practica tive companies seminary wo Knowledge e Mandatory Yes	seminary Il example es. Beside rks. evaluation Points 5.00	thin laboratory exercises works. Within computer p s. Colloquia are written ir es, regularly consultations (maximum 100 points) Final ex Coloquium exam	with practically app pratical classes perfo the form of the test. s are held in order to	ly the knowle rmed training In order to e move closer Mandatory Yes	dge from students xtend the teaching Points 20.00		
practica materia Exercis Lecture	al and making a Pre-examina se attendance e attendance	foramtion te nade visits t appropriate	or the respective projects and	projects and ough practica tive compani- seminary wo Knowledge e Mandatory Yes Yes	seminary Il example es. Beside rks. evaluation Points 5.00 5.00	thin laboratory exercises works. Within computer p s. Colloquia are written in es, regularly consultations (maximum 100 points) Final es	with practically app pratical classes perfo the form of the test. s are held in order to	ly the knowle rmed training In order to e move closer Mandatory	dge from students xtend the teaching Points 20.00		
practica materia Exercis Lecture Project	Pre-examina Pre-examina e attendance a attendance	foramtion te nade visits t appropriate	or the respective projects and	projects and ough practica tive compani- seminary wo Knowledge e Mandatory Yes Yes Yes	seminary Il example es. Beside rks. evaluation Points 5.00 5.00 30.00	thin laboratory exercises works. Within computer p s. Colloquia are written ir es, regularly consultations (maximum 100 points) Final ex Coloquium exam	with practically app pratical classes perfo the form of the test. s are held in order to	ly the knowle rmed training In order to e move closer Mandatory Yes	edge from students xtend the teaching Points 20.00		
practica materia Exercis Lecture	Pre-examina Pre-examina e attendance a attendance	foramtion te nade visits t appropriate	or the respective projects and	projects and ough practica tive compani- seminary wo Knowledge e Mandatory Yes Yes	seminary I example es. Beside rks. Points 5.00 5.00 30.00 20.00	thin laboratory exercises works. Within computer p s. Colloquia are written in es, regularly consultations (maximum 100 points) Final ex Coloquium exam Coloquium exam	with practically app pratical classes perfo the form of the test. s are held in order to	ly the knowle rmed training In order to e move closer Mandatory Yes	edge from students xtend the teaching Points 20.00		
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practica materia Exercis Lecture Project Term p Ord.	Pre-examina Pre-examina e attendance attendance aper A	foramtion te nade visits t appropriate ation obligati	oment of the echnology thr o the respec projects and ons	Projects and ough practica tive companies seminary wo Knowledge e Mandatory Yes Yes Yes Yes Yes	seminary I example es. Beside rks. evaluation Points 5.00 5.00 30.00 20.00 Litera Title	thin laboratory exercises works. Within computer p s. Colloquia are written in es, regularly consultations (maximum 100 points) Final e: Coloquium exam Coloquium exam	with practically app pratical classes perfo the form of the test. s are held in order to	ly the knowle rmed training In order to e move closer Mandatory Yes Yes	edge from students xtend the teaching Points 20.00 20.00 Year		
practica materia Exercis Lecture Project Term p	Pre-examina Pre-examina ae attendance attendance aper	foramtion te nade visits t appropriate ation obligati	oment of the echnology thr o the respec projects and ons Projek Razvo	projects and ough practica tive companies seminary wo Knowledge e Mandatory Yes Yes Yes Yes Yes	seminary I example es. Beside rks. evaluation Points 5.00 5.00 30.00 20.00 Litera Title ploških pro	thin laboratory exercises works. Within computer p s. Colloquia are written in es, regularly consultation: (maximum 100 points) Final e: Coloquium exam Coloquium exam ature pocesa oške pripreme	with practically app pratical classes perfo- the form of the test. s are held in order to cam Publishe FTN, Novi Sad Fakultet tehničkih n	ly the knowle rmed training In order to e move closer Mandatory Yes Yes	edge from students xtend the teaching Points 20.00 20.00		
practica materia Exercis Lecture Project Term p Ord. 1,	al and making a Pre-examina se attendance e attendance aper A Todić, V.	foramtion te nade visits t appropriate ation obligati	oment of the echnology thr o the respec projects and ons Projek Razvo proizv	projects and ough practica tive companies seminary wo Knowledge e Mandatory Yes Yes Yes Yes Yes Stovanje tehno oj opšteg mod odnje, doktor	seminary I example es. Beside rks. evaluation Points 5.00 5.00 30.00 20.00 Litera Title ploških pro ela tehnol ska diserta	thin laboratory exercises works. Within computer p s. Colloquia are written in es, regularly consultation: (maximum 100 points) Final e: Coloquium exam Coloquium exam ature pocesa oške pripreme	with practically app pratical classes perfo- the form of the test. s are held in order to cam Publishe	ly the knowle rmed training In order to e move closer Mandatory Yes Yes er	Adge from students xtend the teaching Points 20.00 20.00 Year 2004		
practica materia Exercis Lecture Project Term p Ord. 1, 2,	al and making a Pre-examina te attendance attendance aper A Todić, V. Lukić, D.	foramtion te nade visits t appropriate ation obligati	oment of the echnology thr o the respec projects and ons Projek Razvo proizv Produ	projects and ough practica tive companies seminary wo Knowledge e Mandatory Yes Yes Yes Yes Yes Stovanje tehno oj opšteg mod odnje, doktor ct Design for	seminary I example es. Beside rks. evaluation Points 5.00 5.00 30.00 20.00 Litera Dioških pro lela tehnol ska diserta Manufactu	thin laboratory exercises works. Within computer p s. Colloquia are written in es, regularly consultation: (maximum 100 points) Final e: Coloquium exam Coloquium exam ature bocesa oške pripreme acija	with practically app pratical classes perfo the form of the test. s are held in order to cam Publishe FTN, Novi Sad Fakultet tehničkih n Sad	ly the knowle rmed training In order to e move closer Mandatory Yes Yes er auka, Novi w York	Adge from students xtend the teaching Points 20.00 20.00 20.00 Year 2004 2012		
practica materia Exercis Lecture Project Term p Ord. 1, 2, 3,	al and making a Pre-examina e attendance attendance aper A Todić, V. Lukić, D. Boothroyd G	foramtion te nade visits t appropriate ation obligati author .,et. al. Booker, J.D.	oment of the echnology thr o the respec projects and ons Projek Razvo proizv Produ Proce	projects and ough practica tive companies seminary wo Knowledge e Mandatory Yes Yes Yes Yes Yes Stovanje tehno oj opšteg mod odnje, doktor ct Design for	seminary I example es. Beside rks. evaluation Points 5.00 5.00 30.00 20.00 Litera Title ploških pro ela tehnol ska diserta Manufactu From Des	thin laboratory exercises works. Within computer p s. Colloquia are written in es, regularly consultations (maximum 100 points) Final es Coloquium exam Coloquium exam ature acisa oške pripreme acija ure and Assembly	with practically app pratical classes perfo- the form of the test. s are held in order to cam Publishe FTN, Novi Sad Fakultet tehničkih n Sad Marcel Dekker, New	ly the knowle rmed training In order to e move closer Mandatory Yes Yes er auka, Novi w York	Year 2004 2002 2002		
practica materia Exercis Lecture Project Term p Ord. 1, 2, 3, 4,	al and making a Pre-examina se attendance attendance aper A Todić, V. Lukić, D. Boothroyd G Swift, K.G., E	foramtion te nade visits t appropriate ation obligati author .,et. al. Booker, J.D.	oment of the echnology thr o the respec projects and ons Projet Razvo proizv Produ Proce Proce	projects and ough practica tive compani- seminary wo Knowledge e Mandatory Yes Yes Yes Yes Yes tovanje tehno oj opšteg mod odnje, doktor ct Design for ss Selection: sion manufact	seminary l examples es. Beside rks. evaluation Points 5.00 5.00 30.00 20.00 Litera Title ploških pro- lela tehnol ska diserta Manufactu From Des uring	thin laboratory exercises works. Within computer p s. Colloquia are written in es, regularly consultations (maximum 100 points) Final es Coloquium exam Coloquium exam ature acisa oške pripreme acija ure and Assembly	with practically app pratical classes perfo- the form of the test. s are held in order to cam Publishe FTN, Novi Sad Fakultet tehničkih n Sad Marcel Dekker, Nev Butterworth-Heinen	ly the knowle rmed training In order to e move closer Mandatory Yes Yes er auka, Novi w York nann, Oxford	Adge from students xtend the teaching Points 20.00 20.00 Year 2004 2012 2002 2003		



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UNIVERSITY OF NOVI SAD

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

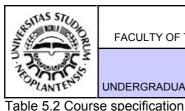


Study Programme Accreditation

UNDERGRADUATE ACADEMIC STUDIES

Production Engineering

Course:									
Course	id:	P4409				Evolution Meth	ods		
Number	of ECTS:	6							
Teache	r:		Sovilj N. B	ogdan					
Course	status:		Elective						
Number	of active teac	hing classe	es (weekly)						
L	ectures:	Practical	classes:	Other teachi	ng types:	Study resea	arch work:	Other cla	asses:
	2	(C	2		0		0	
Precond	lition courses		-	None					
1. Educ	ational goal:								
Masterii	ng the content	in the field	of evolution	n methods.					
2. Educ	ational outcom	nes (acquir	ed knowled	ge):					
	npetence to c ion systems.	ritically an	alyze the e	xisting solution	s and syn	thesize the original solut	ions in the field of co	omputer integ	gration of
3. Cours	se content/stru	icture:							
verifying	g communicat	tion syster	ns. Identify	ing possible di	rections f	ols and systems. Overvie or further research. Defi ishing the paper.	ew of modern surrou ning the theme and	ndings for te the task. Re	sting and alization.
4. Teac	hing methods:								
the sele and solu	ction of the the	eme and fo es in the la	ormulation o	of the task in coo	operation v	sible new directions in re with the supervisor, the e riments with the task of ga	aboration of a simula	tor, laborato	ry models
				Knowledge e	evaluation	(maximum 100 points)			
	Pre-examina	tion obliga	tions	Mandatory	Points	Final ex	kam	Mandatory	Points
	e attendance			Yes		Written part of the exam	 tasks and theory 	Yes	30.00
	attendance			Yes		Oral part of the exam		Yes	30.00
Project				Yes	15.00				
Project	task			Yes	15.00				
						ature			
Ord.		uthor	- Doc	llogo za prodovi	Title		Publishe	er	Year
1,	Sovilj, B.		Podloge za predavanja - Evolutivne računarske metode u inteligentnim proizvodnim sistemima Autorsko izdanje 2012						
2,	Brezočnik, M			praba genetskog zvodnih sistemi		niranja u intelegentnih	Fakulteta za strojnis Maribor	štvo,	2000



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



Other classes:

1

Study Programme Accreditation

UNDERGRADUATE ACADEMIC STUDIES

Production Engineering

Course: Software Development Metrodologies Course id: SE0017 Number of ECTS: 6 Teachers: Milosavljević R. Gordana, Marković -. Milan, Marković D. Vidan, Perišić R. Branko, Sladić S. Goran Course status: Elective Number of active teaching classes (weekly) Other teaching types: Study research work: Lectures: Practical classes: 2 0 2 0 Precondition courses None 1. Educational goal: Introducing students to the software products lifecycle and to methodologies, standards and tools that support software product throught the whole of its lifecycle or in any of its phases 2. Educational outcomes (acquired knowledge): Upon successful completion of the course the student is familiar with various methodologies for software development, as well as standards and tools that support them. The student is also able to select and actively implement optimal methodology and tools for particular software project, as well as to explain this choice.

3. Course content/structure:

Software product lifecycle, lifecycle stages, the importance of application of methodologies for software development, the history of development methodologies, software development models, models based on the waterfall, iterative and incremental models; Bem's spiral model, models based on prototypes; agile methodologies (Scrum, Extreme programming, Feature Driven Development - FDD, Dynamic Systems Development Method - DSDM, Crystal, Adaptive software Development - ASD), automated software development, modern tools for planning, design, construction and documentation, tools supporting teamwork and tracking project progress.

4. Teaching methods:

Lectures, computer exercises and consultations. The practical part of the project is a team effort, and the project illustrates the use of the methodology and tools. The exam is oral. Assessment exam is based on the success of the project and an oral exam.

Knowledge evaluation (maximum 100 points)										
	Pre-examination obligations		Mandatory	Points	Final ex	xam	Mandatory	Points		
Project	defence		Yes	50.00	Oral part of the exam		Yes	50.00		
	Literature									
Ord.	Author			Title	;	Publishe	er	Year		
1,	B. Boehm, R. Turner	Baland	cing Agility Ar	nd Discipli	ne	Pearson Education,	Inc.	2009		
2,										



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

Study Programme Accreditation

Production Engineering



 VANTE
 UNDERGRADUATE ACADEMIC STUDIES
 Production

 Standard 06.
 Programme Quality, Contemporaneity and International Compliance

The study program is consistent with the modern world scientific developments and the state of the profession, and is comparable with similar programs at foreign universities. Production engineering is a complete and comprehensive study program and provides students with the latest scientific and technical knowledge in this field.

Production engineering study program is comparable and compatible with the following study programs:

1. Mechanical and Manufacturing Engineering - The School of Mechanical and Manufacturing Engineering at Dublin City University, Ireland.

http://www.dcu.ie/mechanical_engineering/index.shtml

2. Innovative Manufacturing Engineering - School of Mechanical and Manufacturing Engineering, Loughborough University, United Kingdom.

http://www.lboro.ac.uk/study/undergraduate/courses/departments/mechanicalmanfacturing/manufacturingengineering/

3. Mechanical Design and Manufacturing Engineering, Newcastle University, United Kingdom. http://www.ncl.ac.uk/undergraduate/degrees/hh37/modules/

4. Mechanical Engineering B.Sc. - Modul Production Technology; Faculty of Mechanical Engineering, RWTH Aachen University, Germany

http://www.rwth-aachen.de/cms/root/Studium/Vor_dem_Studium/Studiengaenge/ Liste_Aktuelle_Studiengaenge/Studiengangbeschreibung/~bnev/ Maschinenbau_B_Sc_/lidx/1/ 5. Undergraduate study program Mechanical engineering - Modul: Production engineering, Faculty of Mechanical Engineering and Naval Architecture, University of Zagrebu.

http://www.fsb.unizg.hr/?studijski_programi



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

Study Programme Accreditation

Production Engineering

Standard 07. Student Enrollment

Faculty of Technical Sciences in accordance with social needs and available resources, enrolls on undergraduate studies of production engineering in budget and self-financing every year a certain number of students defined by a special decision of the Educational Scientific Board of the Faculty. Selection of students and enrollment of candidates is done on the basis of success in previous studies and achieved success on the entrance exam, which is defined in the Regulations on student enrollment. Students from other programs of study as well as those with completed studies may enroll in this degree program. In doing so, the evaluation committee (consisting of the heads of all sub-departments involved in the implementation of the program of study) evaluated all the horizontal activities of candidates for admission on the basis of the number of points determined by a recognized academic year in which a student can enroll. The activities can be recognized in full, may be recognized in part (Commission may require appropriate amendment) or cannot be recognized.



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Study Programme Accreditation

UNDERGRADUATE ACADEMIC STUDIES

Production Engineering



The final score on each of the courses of this program is formed by continuous monitoring of the results achieved by students during the academic year and the final exam.

Student overcomes degree program examinations, thus acquiring a certain number of ECTS credits, in accordance with the program of study. Every course carries a certain number of ECTS credits that a student gets when successfully pass the exam.

ECTS credits is determined based on student workload while working on certain courses and applying a uniform Faculty methodology, for all study programs. Student success in mastering a particular course is continuously monitored during classes and is expressed in points. The largest number of points that a student can achieve in the course is 100

Student gets points on the course through the work of teaching and exam prerequisites by completing and passing the exam. The minimum number of points that a student can earn by completing exam prerequisites during classes is 30 while 70 is the largest

Each subject in the study program has a clear and published a way to score points. Way of gaining points during the teaching involves a number of points that the student receives on the basis of each type of activity during classes or completing prerequisites given and taking exams.

Overall success of students on the course is expressed from grade 5 (failed) to 10 (excellent). The rating is based on the student's total number of points earned by a student completing exam prerequisites and passing the exam, according to the quality of the acquired knowledge and skills.

To could take the exam from the particular course, during the semester student must collect at least 15 points from the pre-exam commitments. The additional requirements for the examination are determined separately for each course.

The study progress of students is determined by the Study regulations for undergraduate studies.



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



Study Programme Accreditation

UNDERGRADUATE ACADEMIC STUDIES

Production Engineering

Standard 09. Teaching Staff

For the realization of the undergraduate study program production engineering, teachers with the necessary professional and academic qualifications are provided. Number of teachers meets the needs of the study program and depends on the number of courses and the number of teaching hours on these courses. The total number of teachers is sufficient to cover the total number of classes in the study program, so that the teacher achieves an average 180 hours (lectures, consultations, exercises, practical work, ...) per year, or 6 hours per week. Of the total number of teachers needed, 100% is of the full time positions with full-time jobs.

Number of staff meets the needs of the study program. The total number of staff on study program is sufficient to cover the total number of classes in this program, so that co-workers achieved an average of 300 hours of lectures per year and 10 hours per week.

Scientific and professional qualifications of the teaching staff respond to the educational level of the scientific field and their responsibilities. Every teacher has at least five references from specific scientific or technical fields in which he teaches in the study program.

Group size is for lectures is up to 180 students, the exercise group is up to 60 students and group for laboratory work is up to 20 students.

Not one teacher is not loaded more than 12 hours per week. All data on teachers and associates (CV, elections in the title, references) are available to the public.



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Study Programme Accreditation

UNDERGRADUATE ACADEMIC STUDIES

Production Engineering

Science, arts and professional qualifications

Nam	Name and last name:				Adžić Z. Nevenka			
	Academic title:				Full Professor			
	Name of the institution where the teacher works full time and							
	ng date:	ILULION V	vnere the te	acher works full time and	15.09.1978			
	ntific or art f	ield:			Mathematics			
Acad	emic cariee	er	Year	Institution	•		Field	
Acad	emic title el	ection:	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	6	1976	Faculty of Sciences - No	ovi Sad		Mathematical Sciences	
List c	f 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.	E121	Mathe	matical Ana	alysis 2			er, Electronic and Telecommunication g, Undergraduate Academic Studies	
2.	E221A	Matho	matical Ana	alucio 2		(E20) Con Academic	nputing and Control Engineering, Undergraduate Studies	
۷.		maure	matical Ana	ayolo 2			asurement and Control Engineering, uate Academic Studies	
3.	GG10	Mathe	matical Met	hods 3		(G00) Civi	I Engineering, Undergraduate Academic Studies	
						(M20) Mechanization and Construction Engineering, Undergraduate Academic Studies		
4.	M106	Mathematics 2				(M30) Energy and Process Engineering, Undergra Academic Studies		
ч.		Matrici				(M40) Technical Mechanics and Technical Design, Undergraduate Academic Studies		
						(P00) Production Engineering, Undergraduate Academic Studies		
5.	S017	Mathe	matics 2			(S00) Traffic and Transport Engineering, Undergraduate Academic Studies		
							tal Traffic and Telecommunications, uate Academic Studies	
6.	S0213	Mathe	matical Stat	tistics		Academic		
							tal Traffic and Telecommunications, uate Academic Studies	
							ety at Work, Undergraduate Academic Studies	
		Mathematics 1				(ZC0) Clea	an Energy Technologies, Undergraduate Studies	
7.	Z104					Undergrad	aster Risk Management and Fire Safety, uate Academic Studies	
						Studies	ronmental Engineering, Undergraduate Academic	
8.	BMI91	Mathematics 1				(BM0) Bio Studies	medical Engineering, Undergraduate Academic	
9.	BMI92	Mathematics 2				(BM0) Bio Studies	medical Engineering, Undergraduate Academic	
10.	E101A	01A Discrete Mathematics					ver, Electronic and Telecommunication g, Undergraduate Academic Studies	
						(110) Indus Studies	strial Engineering, Undergraduate Academic	
11.	IM1012	Probat	oility and St	atistics		(120) Engineering Management, Undergraduate Academic Studies		
						(P00)Proo Studies	duction Engineering, Undergraduate Academic	



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UNDERGRADUATE ACADEMIC STUDIES

Production Engineering



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 mathematics, Vol.39, (1991) 229-238. N. Adzic: Modified hermite polynomials in the spectral approximation for boundary layer problems, Bulletin of the Australian mathematical society, Vol.45, (1992) 267-276. N. Adzic: Spectral approximation for single turing point problem, ZAMM72(1992)6, T621-T624. N. Adzic: Nonclassical orthogonal polynomials and singularly perturbed problems, ZAMM73(1993) 7/8, T868-T871. N. Adzic: Spectral approximation and asymptotic behaviour of boundary layer problems, ZAMM74(1994)6, T-553-T555. N. Adzic, Z. Uzelac: A combination of spline and spectral approximation for a class of singularly perturbed problems, ZAMM78 (1998), S853-S854 Z. Uzelac, N. Adzic: The Approximate Solution for Problems with Nonlocal Boundary Conditions, ZAMM79 (1999), S881-S882 N. Adzic, Z. Uzelac: On spectral approximation for some two-dimensional singularly perturbed problems, ZAMM79 (1999), S851-S852 	1.	N. Adzic,	On the spectral solution for boundary value problem, ZAMM	И 70,(1990) 6, Т647-Т649.						
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 N. Adzic: Nonclassical orthogonal polynomials and singularly perturbed problems, ZAMM73(1993) 7/8, T868-T871. N. Adzic: Spectral approximation and asymptotic behaviour of boundary layer problems, ZAMM74(1994)6, T-553-T555. N. Adzic, Z. Uzelac: A combination of spline and spectral approximation for a class of singularly perturbed problems, ZAMM78 (1998), S853-S854 Z. Uzelac, N. Adzic: The Approximate Solution for Problems with Nonlocal Boundary Conditions, ZAMM79 (1999), S881-S882 N. Adzic, Z. Uzelac: On spectral approximation for some two-dimensional singularly perturbed problems, ZAMM79 (1999), S851-S852 	3.	N. Adzic: mathema	Modified hermite polynomials in the spectral approximation tical society, Vol.45, (1992) 267-276.<\eng>	for boundary layer problems, Bulletin of the Australian						
 N. Adzic: Spectral approximation and asymptotic behaviour of boundary layer problems, ZAMM74(1994)6, T-553-T555. N. Adzic, Z. Uzelac: A combination of spline and spectral approximation for a class of singularly perturbed problems, ZAMM78 (1998), S853-S854 Z. Uzelac, N. Adzic: The Approximate Solution for Problems with Nonlocal Boundary Conditions, ZAMM79 (1999), S881-S882 N. Adzic, Z. Uzelac: On spectral approximation for some two-dimensional singularly perturbed problems, ZAMM79 (1999), S851-S852 	4.	 N. Adzic: Spectral approximation for single turing point problem, ZAMM72(1992)6, T621-T624. 								
 N. Adzic, Z. Uzelac: A combination of spline and spectral approximation for a class of singularly perturbed problems, ZAMM78 (1998), S853-S854 Z. Uzelac, N. Adzic: The Approximate Solution for Problems with Nonlocal Boundary Conditions, ZAMM79 (1999), S881-S882 N. Adzic, Z. Uzelac: On spectral approximation for some two-dimensional singularly perturbed problems, ZAMM79 (1999), S851-S852 	5.	N. Adzic:	Nonclassical orthogonal polynomials and singularly perturb	ed problems, ZAMM73(1993) 7/8, T868-T871.						
 (1998), S853-S854 Z. Uzelac, N. Adzic: The Approximate Solution for Problems with Nonlocal Boundary Conditions, ZAMM79 (1999), S881-S882 N. Adzic, Z. Uzelac: On spectral approximation for some two-dimensional singularly perturbed problems, ZAMM79 (1999), S851-S852 	6.	N. Adzic:	Spectral approximation and asymptotic behaviour of bound	ary layer problems, ZAMM74(1994)6, T-553-T555.						
 N. Adzic, Z. Uzelac: On spectral approximation for some two-dimensional singularly perturbed problems, ZAMM79 (1999), S851- S852 	7.			tion for a class of singularly perturbed problems, ZAMM78						
9. S852	8.	Z. Uzelac	, N. Adzic: The Approximate Solution for Problems with Nor	nlocal Boundary Conditions, ZAMM79 (1999), S881-S882						
10. N. Adzic: On the spectral approximation for singularly perturbed problems,ZAMM 71(1991)6,T773-T776.	9.		Z. Uzelac: On spectral approximation for some two-dimens	ional singularly perturbed problems, ZAMM79 (1999), S851-						
	10.	N. Adzic:	On the spectral approximation for singularly perturbed prob	lems,ZAMM 71(1991)6,T773-T776.						



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

Study Programme Accreditation

UNDERGRADUATE ACADEMIC STUDIES

Production Engineering



Summary data for teacher's scientific or art and professional activity

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

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Study Programme Accreditation

UNDERGRADUATE ACADEMIC STUDIES

Production Engineering

Science, arts and professional qualifications

Name and last name:					Antić T. Aco				
Academic title:					Assistant Professor				
	Name of the institution where the teacher works full time and								
starting date:					01.07.1994				
Scier	ntific or art f	ield:		í	Machine Too	ls, Flexible 7	Technological Systems and Automatization		
Acad	emic cariee	er	Year	Institution			Field		
Acad	emic title el	ection:	2010	Faculty of Technical Sci	ences - Novi S	ad	Machine Tools, Flexible Technological Systems and Automatization Processes Design		
PhD	thesis		2010	Faculty of Technical Sci	ences - Novi S	ad	Machine Tools, Flexible Technological Systems and Automatization Processes Design		
Magi	ster thesis		2002	Faculty of Technical Sci	ences - Novi S	ad	Mechanical Engineering		
Bach	elor's thesis	5	1993	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	es			
	ID	Course	e name			Study pro	ogramme name, study type		
1.	P1402	CAD/C	CAE/CAM i	CIM Systems		(P00) Proo Studies	duction Engineering, Undergraduate Academic		
2.	P301	Autom	ation in Pro	duction Engineering		(P00) Proo Studies	duction Engineering, Undergraduate Academic		
3.	P304	Proces	ssing and T	echnological Systems		(P00)Proo Studies	duction Engineering, Undergraduate Academic		
4.	P307	Autom	ated Flexib	le Technologial Systems		Studies	duction Engineering, Undergraduate Academic		
5.	P1405	Conter	mporary Ap	proach to Product Design	ing	· ,	PM0) Production Engineering, Master Academic Studies		
6.	P307A	Flexibl	e technolog	gical systems		(E20) Con Academic	omputing and Control Engineering, Master c Studies		
7.	PAUP1		atization in			(PM0) Production Engineering, Master Academic Studies			
8.	PP110	0 The dynamics of micro machining systems				· ,	duction Engineering, Master Academic Studies		
9.	ZRMI1A				,	1	ety at Work, Master Academic Studies		
10.	DP001	Engine		arch Methods in Productio	n	(M00) Me	chanical Engineering, Doctoral Academic Studies		
11.	DP010	Workir	ng Systems		ting of	(M00) Mechanical Engineering, Doctoral Academic Studies			
12.	DP019			technical diagnosis	tion of	<u>, </u>	chanical Engineering, Doctoral Academic Studies		
13.	ZRD18A		iour Modell ng Systems	ing and Experimental Tes	ting of	(Z01) Safe	ety at Work, Doctoral Academic Studies		
Rep	oresentative	reffere	nces (minin	num 5, not more than 10)					
1.							r Monitoring System for a Turning Process, . 763- 776, ISSN 0039-2480.		
2.	, ,		,	•			Wear Monitoring Applying Neural Networks, SSUE 1-2, pp 146-151, Poland, 2006, ISSN 1734-		
3.				Budak, I., Antić, A., Kosec ija 51, 1, 2012, pp 113 -11			ts method (FEM) model for the jib structure of a		
4.				ković, M., Kosec, B., Hodo plogije 46, 3, 2012, pp 279			ol wear on the chip-forming mechanism and tool		
5.		, ,	, ,	tić, A., Kosec, B.: Special 11, pp 649-655, ISSN: 133		: Theoretica	l background and application, Tehnički vjesnik-		
6.				jković, M., Kosec, B., Nova d Geoenvironment, 58, 1,			el influence on chip segmentation and vibrations of 08-7073		
7.				k-Marcinčin, J.: Influence 10, 3, 2011, pp14-17, ISS		Ind Chip For	rming Mechanism on Tool Vibration, Journal of		
8.				k I., Antić A., Kosec B.: Fa 450-454, ISSN 1350-6307		nion from the	e drive of a cement mill, Engineering Failure		
9.							ysis in Prevention of the Waterway Dredger's g/10.1016/j.engfailanal.2012.10.009, ISSN 1350-		
10.				., Ungureanu N., Milošević ng and Industrial Enginee			nce Tool Wear and Chip Forming Mechanism on op. 5-8, ISSN 1335-7972		



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

Study Programme Accreditation

Production Engineering

UNDERGRADUATE ACADEMIC STUDIES

Summary data for teacher's scientific or art and professional activity:									
Quotation total :									
Total of SCI(SSCI) list papers :	6								
Current projects :	Domestic :	1	International :	2					



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



Study Programme Accreditation

UNDERGRADUATE ACADEMIC STUDIES

Production Engineering

Science, arts and professional qualifications

Nom	o and last n	amo:			Raloč S. Sob	action		
	Name and last name: Academic title:				Baloš S. Sebastian Assistant Professor			
		itution	whore the t-	achor works full time and				
	ng date:	litution	vnere trie te	eacher works full time and	01.04.2001			
	ntific or art f	ield:			Material Science and Engineering Materials			
	emic caries		Year	Institution			Field	
Acad	emic title e	lection:	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	
Maqi	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 c	of courses b	eina he	ld by the te	acher in the accredited stu			<u></u>	
	ID		e name				gramme name, study type	
1.	P206	Weldir	ng Technolo)qv			duction Engineering, Undergraduate Academic	
						Studies (P00) Proc	duction Engineering, Undergraduate Academic	
2.	P2406	Comp	osite Materi	ais		Studies	,	
3.	P2409	Moder	n Joining T	echnologies - 1		(P00) Prod Studies	duction Engineering, Undergraduate Academic	
4.	P2409A	Moder	n Joining T	echnologies - 2		(P00) Proo Studies	duction Engineering, Undergraduate Academic	
5.	P4406	Joining	g Technolog	gy of Modern Materials		(P00) Proo Studies	duction Engineering, Undergraduate Academic	
6.	II1001	Engine	eering mate	rials		(110) Indus Studies	strial Engineering, Undergraduate Academic	
7.	M2062	Mechanical engineering technologies 2				(M20) Mechanization and Construction Engineering, Undergraduate Academic Studies (M40) Technical Mechanics and Technical Design,		
8.	M3203	Technology of machinery					uate Academic Studies ergy and Process Engineering, Undergraduate	
						(MR0) Measurement and Control Engineering,		
0	70000	Electromechanical materials				Undergraduate Academic Studies		
9.	ZC003	Electro	omecnanica	ii materiais		(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	Joinin	g technolog	ies in precision engineerir	ng	(PM0) Production Engineering, Master Academic Studies		
13.	PTS01	Techn	ology of sin	tering		(PM0) Production Engineering, Master Academic Studies		
14.	DP001	Desigr Engine		arch Methods in Productio	on	(M00) Me	chanical Engineering, Doctoral Academic Studies	
15.	SAP002	Engine	eering Mate	rials		(M00) Mechanical Engineering, Doctoral Academic Studies		
16.	DP023	Joining	g technolog	ies - selected topics		(M00) Me	chanical Engineering, Doctoral Academic Studies	
17.	DP024	Weldir	ng technolog	gy - selected topics		(M00) Me	chanical Engineering, Doctoral Academic Studies	
18.	DP025	Mater	ials Corrosi	on and Protection		(M00) Me	chanical Engineering, Doctoral Academic Studies	
Rep	oresentative	e reffere	nces (minin	num 5, not more than 10)				
1.				L.: Metallographic study o Design, 2011, Vol. 32, pp.			impacted by armour-piercing incendiary 69	
2.	Baloš S., 276, ISSI			Roman mystery iron blade	es from Serbia	, Materials	s Characterization, 2009, Vol. 60, No 4, pp. 271-	
3.	Baloš S. Šidanin (Sidianin) L. Microdeformation of soft 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.	
2.	^{5.} 1293-1301, ISSN 0261-3069							

HSTAS STUDIOR			UNIVERSITY OF NOVI SAD							
		FACULTY OF TECHNICAL SCIENCES 21000 NOVI SAD, TRG DOSITEJA OBRADOVIĆA 6								
2.0		Study F	Programme A	ccreditatio	on	Con Participation				
.01	LANTEN	UNDERGRADUATE ACADEMIC	STUDIES		Production Engineering	e Hos				
Rep	presentative re	efferences (minimum 5, not more th	an 10)							
6.		rabulov V., Šiđanin (Sidjanin) L., Pa plates for ballistic application, Mater				unting of				
7.		đanin (Sidjanin) L., Kovač P., Baloš le and coefficients of friction, Industi								
8.		, Jovalekić Č., Sekulić D., Slankar ured Spinel NiFe2O4 Obtained by S								
9.		đanin (Sidjanin) L., Baloš S.: Mecha gy, 2011, Vol. 63, No 6, pp. 427-43		cutting regimes	and surface texture, Industri	al Lubrication				
10.	Baloš S., Balos T., Šiđanin (Sidjanin) L., Marković D., Pilić B., Pavličević J.: Study of PMMA biopolymer properties treated by microwave energy, Materiale Plastice, 2011, Vol. 48, No 02, pp. 127-131, ISSN 0025-5289									
Summary data for teacher's scientific or art and professional 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

Production Engineering

Science, arts and professional qualifications

Name and last name:					Berić B. Andrijana			
-	lemic title:	unic.			Lecturer			
		itution v	where the te	acher works full time and				
	ing date:				04.11.2004			
Scier	ntific or art f	ield:			German			
Acad	lemic carie	er	Year	Institution			Field	
Acad	Academic title election: 2010 Faculty of Technical Sci			ences - Novi S	ad	German		
Mast	ter's thesis		2009	Faculty of Philology - Be	eograd		German	
Bach	nelor's thesis	S	2003	Faculty of Philosophy - I	Novi Sad		German	
List c	of courses b	eing he	ld by the tea	acher in the accredited stu	udy programme	es		
	ID	Course	e name			Study pro	gramme name, study type	
1.	F330	Germa	an Languag	e – LSP Course 1		(F00) Gra Academic	phic Engineering and Design, Undergraduate Studies	
2.	F331	Germa	an Languag	e – LSP Course 2		(F00) Gra Academic	phic Engineering and Design, Undergraduate Studies	
						(A00) Arch	nitecture, Undergraduate Academic Studies	
							nic Architecture, Technique and Design, uate Academic Studies	
					Àcadémic (Z01) Safe		phic Engineering and Design, Undergraduate Studies	
3.	NJ01Z	Germa	an Languag	e – Elementary			Z01) Safety at Work, Undergraduate Academic Studies	
0.	140012	Genne	in Lunguug				an Energy Technologies, Undergraduate Studies	
							(ZP0) Disaster Risk Management and Fire Safety, Undergraduate Academic Studies	
						(Z20) Envi Studies	ronmental Engineering, Undergraduate Academic	
						(F00) Gra Academic	phic Engineering and Design, Undergraduate Studies	
						(G00) Civil Engineering, Undergraduate Academic Studies		
							chanization and Construction Engineering, uate Academic Studies	
						(M30) Ene Academic	ergy and Process Engineering, Undergraduate Studies	
							chnical Mechanics and Technical Design, uate Academic Studies	
4.	NJ02L	Germa		e – Pre-Intermediate		(P00) Proo Studies	duction Engineering, Undergraduate Academic	
4.	INJUZL	Genna	an Langudg	1-1C-111C1111CUId(C		(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		
						(ZP0) Disaster Risk Management and Fire Safety, Undergraduate Academic Studies		
						(Z20) Environmental Engineering, Undergraduate Acader Studies		



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

Study Programme Accreditation

UNDERGRADUATE ACADEMIC STUDIES

Production Engineering



AN AN AN	TAS STUDIO	FACULTY OF TECHNICAL SCI	UNIVERSITY OF NO	DVI SAD I SAD, TRG DOSITEJA OBRADOVIĆA 6					
NO. NE	575 S	Study F	Programme A	ccreditation					
4	ANTEN	UNDERGRADUATE ACADEMIC	STUDIES		Production Engineering	Ho			
List c	of courses b	eing held by the teacher in the accred	dited study programme	es					
	ID	Course name		Study programme name, study type					
19.	F508	German Language for GRID 3		(F00) Graphic Engineering and Design, Master Academic Studies					
20.	nja	German Language in Architecture		(AH0) Architecture, Master Academic Studies					
Rep	oresentative	refferences (minimum 5, not more th	an 10)						
1.	Prevod: I	novacije i trendovi u proizvodnji alatni	h mašina						
2.	Prevod: I	nženjerstvo mehatroničnih sistema							
3.	Prevodi z	a Pro Elektro (u toku)							
4.	4. Prevod: Arbeitszenarien und Optimierung von Abläufen und Steuerung von selbstorganisierenden Bionic Assembly System in CIM Umgebung (u toku)								
Sur	nmary data	for teacher's scientific or art and profe	essional activity:						
Quot	ation total :								
		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

Production Engineering

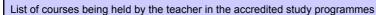
Nom	e and last n	amo.			Bogdanović Ž	Veena		
Academic title:			Bogdanović Ž. Vesna Senior Lecturer					
Name of the institution where the teacher works full time and				acher works full time and				
	ng date:				15.12.1999			
Scientific or art field:					English			
Acad	emic cariee	r	Year	Institution			Field	
Acad	emic title el	ection:	2009	Faculty of Technical Sci	ences - Novi Sa	ad	English	
Magi	ster thesis		2007	Faculty of Philosophy - I	Novi Sad		English	
Bach	elor's thesis	6	1999	Faculty of Philosophy - I	Novi Sad		English	
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	
							I Engineering, Undergraduate Academic Studies	
						Undergrad	chanization and Construction Engineering, uate Academic Studies	
						Academic		
5.	EJ01L	English Language – Elementary				(M40) Technical Mechanics and Technical Design, Undergraduate Academic Studies(P00) Production Engineering, Undergraduate Academic Studies		
						(S00) Traffic and Transport Engineering, Undergraduate Academic Studies		
						` '	tal Traffic and Telecommunications, uate Academic Studies	
						Èngineerin	ver, Electronic and Telecommunication g, Undergraduate Academic Studies	
						(F00) Graphic Engineering and Design, Undergraduate Academic Studies		
						(MR0) Me Undergrad	asurement and Control Engineering, uate Academic Studies	
6.	EJ01Z	Englisł	n Language	- Elementary			ety at Work, Undergraduate Academic Studies	
						(ZC0) Clea	an Energy Technologies, Undergraduate Studies	
							aster Risk Management and Fire Safety, uate Academic Studies	
						(Z20) Environmental Engineering, Undergraduate Academi 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		
						(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) Environmental Engineering, Undergraduate Academic Studies		



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

Study Programme Accreditation

UNDERGRADUATE ACADEMIC STUDIES



LIST	st of courses being held by the teacher in the accredited study programmes								
	ID	Course name	Study programme name, study type						
			(110) Industrial Engineering, Undergraduate Academic Studies						
8.	EJ02Z	English Language – Pre-Intermediate	(120) 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.	10. EJ04L English Language – Upper Intermed	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						
	I1. EJ1Z		(SE0) Software Engineering and Information Technologies, Undergraduate Academic Studies						
			(SEL) Software Engineering and Information Technologies - Loznica, Undergraduate Academic Studies						



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

Study Programme Accreditation

UNDERGRADUATE ACADEMIC STUDIES



ist of courses hei	na held hy the teach	er in the accredited s	tudy programmes
	ng noid by the teach		ludy 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
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

Production Engineering

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

List c	of courses b	eing held by the teacher in the accredited study programm	es
	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
24		Enslich for Coosifie Dumonos	(I10) Industrial Engineering, Undergraduate Academic Studies
34.	EJIIM	English for Specific Purposes	(I20) Engineering Management, Undergraduate Academic Studies
			(E20) Computing and Control Engineering, Undergraduate Academic Studies
			(ES0) Power Software Engineering, Undergraduate Academic Studies
			(F10) Engineering Animation, Undergraduate Academic Studies
35.	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
36.	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
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
Rep	oresentative	e refferences (minimum 5, not more than 10)	
1.	Vesna M	arković, English in Civil Engineering, FTN Izdavaštvo, Novi	Sad, 2004.
2.	Vesna Bo	ogdanović, Ivana Mirović, Engleski jezik za grafičko inženje	rstvo i dizajn 1, FTN Izdavaštvo, Novi Sad, 2007.
3.	Ivana Mir	ović, Vesna Bogdanović, Engleski jezik 2 za grafičko inžen	jerstvo i dizajn, FTN Izdavaštvo, Novi Sad, 2008
4.		arković, English in Civil Engineering, drugo izdanje, FTN Iz	
5.	Universit		na Katić, Vesna Marković, Ivana Mirović, Fakultet tehničkih
6.		-	eograd: Zadužbina Andrejević, 2009, ISBN 978-86-7244-743-9
7.		vić Vesna, Mirović Ivana, Ličen Branislava, Kreiranje udžbe ja, Zbornik radova međunarodne konferencije Jezik struke	
8.	Mirović Iv	• •	stručnog engleskog jezika na FTN-u u Novom Sadu, Zbornik
	ιαυθνά Π	icumaroune komerencije dezik sliuke – leonja i plakša, Do	5010, Booglau, 2000. 110-110

AS STI.									
AL COLOR		FACULTY OF TECHNICAL SCI	FACULTY OF TECHNICAL SCIENCES 21000 NOVI SAD, TRG DOSITEJA OBRADOVIĆA 6						
22	Study F		Programme A	NF 3					
6	LANTEN	UNDERGRADUATE ACADEMIC	STUDIES		Production Engineering	A HOB			
Rep	presentative r	efferences (minimum 5, not more th	an 10)						
9.	Bulatović V konferencij	esna, Gak Dragana, Bogdanović Vo e Jezik struke – teorija i praksa, DS	esna, Nastava stranih JKS, Beograd, 2008: 3	jezika na privatno 329-332	om fakultetu, Zbornik radova	a međunarodne			
10.		na, Bulatović Vesna, Bogdanović Vo ova međunarodne konferencije Jez				n fakultetu,			
Sur	mmary data fo	r teacher's scientific or art and profe	essional activity:						
Quot	tation total :		0						
Tota	I of SCI(SSCI)	list papers :	0						
Curre	ent projects :		Domestic :	0	International :	0			



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

A REAL PROPERTY OF

Study Programme Accreditation

UNDERGRADUATE ACADEMIC STUDIES

Production Engineering

Name and last name:					Budak M. Igor			
Academic title:					Assistant Professor			
Name of the institution where the teacher works full time and				eacher works full time and	Faculty of Technical Sciences - Novi Sad			
starting date:					06.09.2001			
					Metrology, Q	Metrology, Quality, Fixtures and Ecological-Engineering Aspects		
Acad	emic cariee	er	Year	Institution			Field	
Acad	emic title el	ection:	2010	Faculty of Technical Sci	ences - Novi S	ad	Metrology, Quality, Fixtures and Ecological- Engineering Aspects	
PhD	thesis		2009	Faculty of Mechanical E	ngineering - Lju	ubljana	Metrology, Quality, Fixtures and Ecological- Engineering Aspects	
Magi	ster thesis		2004	Faculty of Technical Science	ences - Novi S	ad	Mechanical Engineering	
Bach	elor's thesis	S	1998	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	udy programme	S		
	ID	Course	e name			Study pro	gramme name, study type	
1.	IA018	3D Dig	gitalization N	Methods		(F10) Eng Studies	ineering Animation, Undergraduate Academic	
2.	P1401	Fixture	e Design an	d Measuring Machines		(P00) Prod Studies	duction Engineering, Undergraduate Academic	
						(P00) Proo Studies	duction Engineering, Undergraduate Academic	
3.	P1508	Revers	se Enginee	ring and CAQ			tware Engineering and Information Technologies, uate Academic Studies	
						(SEL) Software Engineering and Information Technologies - Loznica, Undergraduate Academic Studies		
	DOOO	Magain	romonte			(M40) Technical Mechanics and Technical Design, Undergraduate Academic Studies		
4.	P209	weasu	irements ar			(P00) Production Engineering, Undergraduate Academic Studies		
5.	P306	Fixture	es			(P00) Prod Studies	duction Engineering, Undergraduate Academic	
6.	Z207	Mecha	inical Engin	eering in Environmental E	Ingineering	(Z20) Environmental Engineering, Undergraduate Academic Studies		
7.	Z207A	Mecha	nical Engin	eering in Environmental E	Ingineering	(Z01) Safety at Work, Undergraduate Academic Studies		
8.	Z301	Pollutio	on Measure	ement and Control			ety at Work, Undergraduate Academic Studies ronmental Engineering, Undergraduate Academic	
9.	Z416	EMS S	Systems			(Z20) Envir Studies	ronmental Engineering, Undergraduate Academic	
10.	ZRI441	Materia protec		systems for environmenta	al and labor	(Z01) Safe	ety at Work, Undergraduate Academic Studies	
11.	Z416			i naziv na engleskom)		(Z20) Envir Studies	ronmental Engineering, Undergraduate Academic	
12.	BM119D	Revers engine		ing and rapid prototyping	in biomedical	(BM0) Bio Studies	medical Engineering, Undergraduate Academic	
13.	P322	Introdu	uction to Pre	ecision Engineering		(P00) Prod Studies	duction Engineering, Undergraduate Academic	
14.	ZC036	Measu	irement and	d control of pollution		(ZC0) Clea Academic	an Energy Technologies, Undergraduate Studies	
15.	P1409	Materi	al Control S	Systems and CAI		(PM0)Pro	duction Engineering, Master Academic Studies	
16.	P1501	Ecolog	gical Techno	ologies and Systems		(M40) Tec Academic	hnical Mechanics and Technical Design, Master Studies	
	74404	E. i		a diana Oscada an M		, ,	duction Engineering, Master Academic Studies	
17.	Z416A	Enviro	nment Prot	ection System Manageme	ent	, ,	duction Engineering, Master Academic Studies	
18.	1907	Autom	ated Assen	nbly Systems for High Acc	curacy		chatronics, Master Academic Studies duction Engineering, Master Academic Studies	
19.	P321	Revers	se Enginee	ring and Rapid Prototyping	g	(110) Indus	strial Engineering, Master Academic Studies	
20.	PIP16	Plastic	s and envir	onmental protection		(PM0)Pro	duction Engineering, Master Academic Studies	



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

Study Programme Accreditation

760	175 C.S	Study Programme A	10 ⁸			
54	LANTER	UNDERGRADUATE ACADEMIC STUDIES	Production 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			
21.	PLIS1	Logistics and Simulation in Technologies of Plastics Processing	(PM0) Production Engineering, Master Academic Studies			
22.	PP103	Measurement and tools in precision engineering	(PM0) Production Engineering, Master Academic Studies			
23.	SM3	Software support for reverse engineering and CAQ	(PM0) Production Engineering, Master Academic Studies			
24.	SZSP18	Contemporary scientific approaches in life cycle assessment of products (LCA)	(Z00) Environmental Engineering, Specialised Academic Studies			
25.	DM411	Contemporary Approach to Integration of Reverse Engineering of Rapid Prototyping, Tools, Products and Virtual Manufacturing	(M00) Mechanical Engineering, Doctoral Academic Studies			
26.	DP001	Design and Research Methods in Production Engineering	(M00) Mechanical Engineering, Doctoral Academic Studies			
27.	DP006	State and development trends of metrology, quality and fixtures	(M00) Mechanical Engineering, Doctoral Academic Studies			
28.	DP013	Ecological Engineering Aspects	(M00) Mechanical Engineering, Doctoral Academic Studies			
29.	DP019	Selected topics in technical diagnosis	(M00) Mechanical Engineering, Doctoral Academic Studies			
30.	ZDH1	Modern Methods of Eco-design	(Z00) Environmental Engineering, Doctoral Academic Studies			
31.	ZSP18	Modern Scientific Approaches in Product Life Cycle Assessment (LCA)	(Z00) Environmental Engineering, Doctoral Academic Studies			
Rep	oresentative	e refferences (minimum 5, not more than 10)				
1.		Vukelić Đ., Bračun D., Hodolič J., Soković M.: Pre-Process Sensors, 2012, Vol. 12, No 1, pp. 1100-1126, ISSN 1424-8				
2.			Budak I.: Efficient workpiece clamping by indenting cone- I Manufacturing, 2012, Vol. 13, No 10, pp. 1725-1735, ISSN			
3.		, Nagode A., Budak I., Antić A., Kosec B.: Failure of the pir 2011, Vol. 18, pp. 450-454, ISSN 1350-6307	nion from the drive of a cement mill, Engineering Failure			
4.		Soković M., Barišić B.: Accuracy improvement of point dat cision-making, MEASUREMENT, 2011, Vol. 44, No 6, pp. 1				
5.	Budak I.,	Hodolič J., Soković M.: Development of a programme syst	em for data-point pre-processing in Reverse Engineering,			

5. Budak I., Hodolič J., Soković M.: Development of a programme system for data-point pre-processing in Reverse Engineering, Journal of Materials Processing Technology, 2005, Vol. 162, pp. 730-735, ISSN 0924-0136

 Jevremović D., Puškar T., Budak I., Vukelić Đ., Kojić V., Eggbeer D., Williams R.: An RE/RM approach to the design and manufacture of removable partial dentures with a biocompatibility analysis of the F75 Co-Cr SLM alloy, Materijali in tehnologije, 2012, Vol. 46, No 2, pp. 123-129, ISSN 1580-2949

7. Trifković B., Budak I., Todorović A., Hodolič J., Puškar T., Jevremović D., Vukelić Đ.: Application of Replica Technique and SEM in Accuracy Measurement of Ceramic Crowns, Measurement Science Review, 2012, Vol. 12, No 3, pp. 90-97, ISSN 1335-8871

Agarski B., Kljajin M., Budak I., Tadić B., Vukelić Đ., Bosak M., Hodolič J.: Application of multi-criteria assessment in evaluation of motor vehicles' environmental performances, Tehnički vjesnik/Technical Gazette, 2012, Vol. 19, No 2, pp. 221-226, ISSN 1330-3651
 Vukelić Đ., Miljanić D., Ranđelović S., Budak I., Džunić D., Erić M., Pantić M.: Burnishing process based on optimal depth of workpiece penetration (Article in press, date of acceptance 28.08.2012, Manuscript Number: MIT-45-2012), Materijali in tehnologije, 2012, ISSN 1580-2949
 Vukelić Đ., Tadić B., Miljanić D., Budak I., Todorović P., Ranđelović S., Jeremić B.: Novel workpiece clamping method for

 10.
 Vukeic B., Tadic B., Miljanic D., Budak I., Todorovic P., Randelovic S., Jeremic B.: Novel Workpiece clamping method for increased machining performance, Tehnički vjesnik-Technical Gazette, 2012, Vol. 19, No 4, pp. 837-846, ISSN 1330-3651.

 Summary data for teacher's scientific or art and professional activity:
 Quotation total :

 Quotation total :
 25

 Total of SCI(SSCI) list papers :
 20

 Current projects :
 Domestic :
 4



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

A REAL PROPERTY OF

Study Programme Accreditation

UNDERGRADUATE ACADEMIC STUDIES

Production Engineering

Nam	e and last n	ame:			Bukurov Ž. M	aša			
Academic title:					Assistant Professor				
Name of the institution where the teacher works full time and				eacher works full time and					
starting date:					01.11.1993				
Scientific or art field:					Applied Fluid	Mechanics	- Hydro Pneumatic Technics		
Acad	emic cariee	er	Year	Institution			Field		
Acad	emic title el	ection:	2010	Faculty of Technical Science	ences - Novi Sa	ad	Applied Fluid Mechanics - Hydro Pneumatic Technics		
PhD	thesis		2004	Faculty of Technical Sci	ences - Novi Sa	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 Sa	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		
1.	M205	Funda	mentals of	Fluid Mechanics		(ZC0) Cle Academic (Z20) Envi	ety at Work, Undergraduate Academic Studies an Energy Technologies, Undergraduate Studies ronmental Engineering, Undergraduate Academic		
							chanization and Construction Engineering, uate Academic Studies		
2.	M205L	Fundamentals in Fluid Mechanics				Academic			
						Undergrad	chnical Mechanics and Technical Design, luate Academic Studies		
						Studies	duction Engineering, Undergraduate Academic		
3.	M212	Fluid N	/lechanics ²	1		(M30) Energy and Process Engineering, Undergraduate Academic Studies			
						Undergrad	M40) Technical Mechanics and Technical Design, Jndergraduate Academic Studies		
4.	M3301	Pumpi	ng and Cor	npression Stations		(M30) Energy and Process Engineering, Undergraduate Academic Studies			
			-			(ZC0) Clean Energy Technologies, Undergraduate Academic Studies			
5.	M3306	Device	es for Mech	anical Purification		Academic			
_						Academic			
6.	M3403	Fluid N	lachines			Àcadémic			
7.	M3453	Measu	irement of f	luid properties		Academic			
				F F. 31 100		Undergrad	asurement and Control Engineering, uate Academic Studies		
8.	URZP14	Funda	mentals of	Mechanical Engineering			aster Risk Management and Fire Safety, luate Academic Studies		
9.	M3203	Techn	ology of ma	achinery		(M30) Ene Academic	ergy and Process Engineering, Undergraduate Studies		
10.	M3401	Fluid N	lechanics 2	2		(M30) Ene Academic	ergy and Process Engineering, Undergraduate Studies		
11.	M3496	Pipelin	ie Transpor	tation		(M30) Ene Academic	ergy and Process Engineering, Undergraduate Studies		
12.	M3553	Pipe N	letworks Mo	odelling		(M30) Ene Studies	ergy and Process Engineering, Master Academic		
13.	M3513	Compu	utational Flu	uid Dynamics		(M30) Ene Studies	ergy and Process Engineering, Master Academic		
14.	S0MI12	Theory	y of ship's n	notion and maneuverability	y	(S00) Trat Studies	ffic and Transport Engineering, Master Academic		

ST	TAS STUD		UNIVERSITY OF NO	VI SAD		WHIKHX HA			
THO ALANTENS		FACULTY OF TECHNICAL SCIENCES 21000 NOVI SAD, TRG DOSITEJA OBRADOVIĆA 6							
			Study Programme Accreditation						
Rep	presentative r	efferences (minimum 5, not more th	an 10)						
1.		v, Maša Bukurov, A. Jovanović, T. S N SUCTION DRAINAGE, Arch Orth				TS OF			
2.		rov, Ž Bukurov, M. Lekić, D. Stojkov FICIENT USAGE OF WATER WAYS							
3.	TRANSPO	rov, S. Tašin, B. Todorović, EFFICI RTATION, Proceedings of PSU-UN UNS 03021, p.126-129				' Thailand, Dec.			
4.		rov, S. Bikić, B. Todorović, S. Tašin lav Congress on Theoretical and A			ERGY IN JET PUMP – EFF	ICIENCY RATE,			
5.		rger, A. Gronauer, Maša Bukurov, C Processing and Energy in Agricultu			PROTECTION BY USAGE	E OF BIOGAS,			
6.	FABRICI C	rov, ENERGETSKO-EKOLOŠKO F EMENTA, magistarski rad, Univerzi a zaštite životne sredine, 1998.							
7.		e, Maša Bukurov, IMPORTANCE OF 2, 2006, Rousse. (proceedings, vol			FLOW RATE MEASURING,	Scintific			
8.		, Maša Bukurov, B. Todorović, S. Bi I PRITISKA KROZ PARO-VODENU							
9.	Maša Buku Sad, 2004.	rov, Istraživanje svojstava nadyvuč	nog paro-vodenog inje	ktora, doktorska o	disertacija, Fakultet tehnički	h nauka, Novi			
10.	38.Ž. Bukurov, Maša Bukurov, B. Todorović, S. Bikić, PODLOGE ZA ISTRAŽIVANJE ENERGIJSKO-STRUJNIH								
	•	or teacher's scientific or art and profe							
	tation total :		0						
	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

Production Engineering

Name and last name:					Cvetićanin J. Livija			
Academic title:					Full Professor			
Name of the institution where the teacher works full time and			Faculty of Technical Sciences - Novi Sad					
starting date:					12.11.1975			
Scientific or art field: Academic carieer Year Institution					Machine Mechanics			
Acad	emic cariee	er	Year	Institution		Field		
Acad	emic title el	lection:	1992	Faculty of Technical Science	ences - Novi S	ad	Machine Mechanics	
PhD	thesis		1981	Faculty of Technical Science	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	idy 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	
						Undergrad	chanization and Construction Engineering, uate Academic Studies	
2.	M103	Mecha	inics 1			Académic		
						Undergrad	chnical Mechanics and Technical Design, uate Academic Studies	
						Studies	duction Engineering, Undergraduate Academic	
		Mechanics 2				Undergrad	chanization and Construction Engineering, uate Academic Studies	
3.	M107					Academic		
						(M40) Technical Mechanics and Technical Design, Undergraduate Academic Studies		
						(P00) Production Engineering, Undergraduate Academic Studies		
						Undergrad	chanization and Construction Engineering, uate Academic Studies	
4.	M201	Mecha	inics 3			Academic		
						Undergrad	chnical Mechanics and Technical Design, uate Academic Studies	
						Studies	duction Engineering, Undergraduate Academic	
						Undergrad	chanization and Construction Engineering, uate Academic Studies	
5.	M2411	Theory	Theory of Oscillation			Undergrad	chnical Mechanics and Technical Design, uate Academic Studies	
						(P00)Proo Studies	duction Engineering, Undergraduate Academic	
						(M00) Me	chanical Engineering, Doctoral Academic Studies	
6.	DM405	Chaos	in Dynami	c Systems		(M40) Teo	hnical Mechanics, Doctoral Academic Studies	
			,	· · ·		(OM1) Mathematics in Engineering, Doctoral Academic Studies		
7.	DM408	Nonlin	erar Oscilla	ations		(M00) Me	chanical Engineering, Doctoral Academic Studies	
1.						(M40) Tec	hnical Mechanics, Doctoral Academic Studies	
8.	FDS143	Select	ed Chapter	s in Technical Mechanics		(F00) Gra Studies	phic Engineering and Design, Doctoral Academic	
Rep	oresentative	e reffere	nces (minin	num 5, not more than 10)				
1.	1.L. Cvet	icanin, [Dynamics o	f Machines with Variable N	Mass, Gordon a	and Breach	Science Publishers, London, p.236, 1998.	
2.	2 L. Cveticanin, Particle separation from a four-particle-system, European Journal of Mechanics - A/Solids, Volume 26, Issue 2,							
	March-Ap	oril 2007	, Pages 27	0-285.				

4	TAS STUD		UNIVERSITY OF NO	VI SAD		WYKNX H		
IVE	NO RE	FACULTY OF TECHNICAL SCIENCES 21000 NOVI SAD, TRG DOSITEJA OBRADOVIĆA 6						
0.2		Study Programme Accreditation						
6	PLANTEN	UNDERGRADUATE ACADEMIC	STUDIES		Production Engineering	HOP.		
Re	presentative r	efferences (minimum 5, not more th	an 10)					
3.	L. Cvetican 1221-1230	in, Homotopy-perturbation method	for pure non-linear diff	erential equation,	Chaos, Solitons and Frac	tals, Vol.30, 2006,		
4.		in, Free vibration of a Jeffcott rotor 1.40, 2005, 1330-1344.	with pure cubic non-lir	ear elastic prope	rty of the shaft, Mechanisn	n and Machine		
5.		in, Approximate solution of a strong 05, pp.503-512.	ly non-linear complex	differential equat	ion, Journal of Sound and	Vibration, Vol.284,		
6.	L. Cvetican	in, Vibrations of the non-linear oscil	lator with quadratic no	n-linearity, Physic	ca A, Vol.341, 2004, pp.12	3-135.		
7.		, L. Cveticanin, R. Maretic, Dynamic ne Theory, Vol.58, 2012, 1-12.	s of the cutting mecha	nism with flexible	e support and non-ideal for	cing, Mechanism		
8.		in, M. KalamiYazdi, H. Askari, Z. Sa , Mechanics Research Communicat		a two-mass syster	m with non-integer order no	onlinear		
9.	L.Cveticani	n, Oscillator with fraction order rest	oring force, Journal of	Sound and Vibra	tion, Vol.320, 2009, 1064-1	1077.		
10.	L. Cvetican	in, Pure odd-order oscillators with c	constant excitation, Journal of Sound and Vibration, Vol.330, 2011, 976-986.					
Su	mmary data fo	or teacher's scientific or art and profe	essional activity:					
Quot	tation total :		706					
Tota	I of SCI(SSCI) list papers :	134					
Current projects :			Domestic :	2	International :	0		



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



Study Programme Accreditation

UNDERGRADUATE ACADEMIC STUDIES

Production Engineering

Name	Name and last name:				Čuš Franci			
Academic title:					Guest Profes	sor		
Name of the institution where the teacher works full time and starting date:			-					
			Proizvodni sig	stemi organ	izacija i menadžment (menađment inovacija i			
	emic cariee		Year	Institution	FT012V00TH Sis	sterni, organ	Field	
	emic title el		2009				Proizvodni sistemi, organizacija i menadžment (menađment inovacija i promena)	
PhD [·]	thesis		1988	Faculty of Mechanical E	naineerina - Ma	aribor	Processes for Material Removal Processing	
	ster thesis		1985	Faculty of Mechanical E	<u> </u>		Processes for Material Removal Processing	
	elor's thesis	3	1978	Faculty of Mechanical E			Mechanical Engineering	
List o	of courses b	eing he	ld by the te	acher in the accredited stu	<u> </u>			
	ID	Course	e name			Study pro	gramme name, study type	
1.	Z421	Opera	cioni mena	džment(uneti naziv na eng	leskom)	(Z20) Envi Studies	ronmental Engineering, Undergraduate Academic	
							phic Engineering and Design, Undergraduate Studies	
2.	II1053	Produc	ction Syster	ns		(P00) Proo Studies	duction Engineering, Undergraduate Academic	
3.	IM1114	Energy	y Flows in t	he Enterprise		(I20) Engir Studies	neering Management, Undergraduate Academic	
4.	ZR401A	Scienc	e on Work			(Z01) Safe	ety at Work, Undergraduate Academic Studies	
5.	HDOK4 S	Select	ed chapters	s from automation of work	processes	(I12) Industrial Engineering, Specialised Academic Studies		
6.	IMDR0S	Selected chapters in enterprise's design, or and control			ganization	 (112) Industrial Engineering, Specialised Academic Studies (122) Engineering Management, Specialised Academic Studies 		
7.	ZR502	Occupational Risk Assessment					ety at Work, Master Academic Studies	
8.	IM2102	Manufacturing strategy (KAIZEN LEAN KA			NBAN,	(110) Industrial Engineering, Master Academic Studies (M50) Energy Management, Master Academic Studies		
$ \rightarrow $							neering Management, Master Academic Studies	
9.	IM2124	Produc	ction and Se	ervice Systems		(H00) Mechatronics, Master Academic Studies (M50) Energy Management, Master Academic Studies		
10.	IM2207	Techn	ology mana	agement		(120) Engineering Management, Master Academic Studies		
11.	IM2215		engineering	•			neering Management, Master Academic Studies	
							chatronics, Doctoral Academic Studies	
12.	HDOK-4	Select	ed Chapter	s in Production Process A	utomation	· · ·	strial Engineering / Engineering Management, cademic Studies	
13.	HDOKL4	Select	ed chapters	s from automation of work	processes	(H00) Med	chatronics, Doctoral Academic Studies	
14.	IMDR57			g and Designing Procedur ind of Product Lifecycle	es and		strial Engineering / Engineering Management, cademic Studies	
15.	ZRD27A	Operat safety	tions mana	gement in the security and	occupational	(Z01) Safe	ety at Work, Doctoral Academic Studies	
16.	ZRD28A		ed topics in	the science of occupation	al safety	(Z01) Safe	ety at Work, Doctoral Academic Studies	
Rep	oresentative	reffere	nces (minin	num 5, not more than 10)				
1.	ČUŠ, Fra 19, iss. 1	-	-	Optimization of cutting proc	ess by GA app	oroach. Rob	ot. computintegr. manuf [Print ed.], 2003, vol.	
2.	2004, vol	. 157/15	58, str. 75-8	1.			ns. J. mater. process. technol [Print ed.], Dec.	
3.	operations. Int. J. gen. syst., October 2006, Vol. 35, no 5, str. 603-618. [COBISS.SI-ID 10604310]							
4.	J. mater.	process	. technol	[Print ed.], June 2006, vol.	175, iss. 1/3, s	str. 90-97.	ring and optimization of ball-end milling process.	
5.				, KIKER, Edvard, MILFEL v. Mater. Manuf. Eng., Jul			ntroller design for feedrate maximization of /2, str. 237-240.	

4	TAS STUD			WYKHX HA			
ANN A	IN THE REAL	FACULTY OF TECHNICAL SCI	ENCES 21000 NOVI	SAD, TRG DOSIT	EJA OBRADOVIĆA 6	STATE OF	
0.20		Study F	Programme A	ccreditatio	on	Contraction of the	
.01	LANTEN	UNDERGRADUATE ACADEMIC	STUDIES		Production Engineering	A HOS	
Rep	presentative re	efferences (minimum 5, not more th	an 10)				
6.		c, ŽUPERL, Uroš. Approach to optin rint ed.], 2006, vol. 173, iss. 3, str. 2		ditions by using a	rtificial neural networks. J. r	mater. process.	
7.		c, BALIČ, Jože, ŽUPERL, Uroš. Hyt , Sep. 2009, vol. 36, iss. 1, str. 79-		n based optimisa	tion of turning parameters.	J. Achiev. Mater.	
8.		Adolf, ČUŠ, Franc. Vpliv toplotne ob 3. [COBISS.SI-ID 3324444]	delave na obdelovalno	ost materialov pri	vrtanju. Stroj. vestn., 1983,	let. 29, št. 10-12,	
9.		Adolf, ČUŠ, Franc. Načrtovanje prei , str. 197-203. [COBISS.SI-ID 3324		ponentov za optin	niranje odrezovanja. Stroj. v	vestn., 1984, let.	
10.	D. ČUŠ, Franc. Odvisnosti in zakonitosti postopka čelnega frezanja. Stroj. vestn., 1986, 32, št. 4/6, str. 60-63. [COBISS.SI-ID 94468]						
Sur	Summary data for teacher's scientific or art and professional activity:						
Quot	tation total :		21				
Tota	I of SCI(SSCI)	list papers :	28				
Curre	ent projects :		Domestic :	0	International :	1	



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



Study Programme Accreditation

UNDERGRADUATE ACADEMIC STUDIES

Production Engineering

Name and last name:			Ćosić P. Ilija					
Academic title:			Full Professor					
				acher works full time and	Faculty of Technical Sciences - Novi Sad			
-	ng date:				22.12.1972			
	ntific or art f	ield:			Production Systems, Organization and Management			
	lemic caries		Year	Institution		,	Field	
	lemic title el		1993	Faculty of Technical Science	ences - Novi Sa	ad	Production Systems, Organization and Management	
PhD	thesis		1983	Faculty of Technical Sci	ences - Novi Sa	ad	Production Systems, Organization and Management	
Magi	ster thesis		1979	Faculty of Technical Sci	ences - Novi Sa	ad	Production Systems, Organization and Management	
Bach	elor's thesis	S	1972	Faculty of Mechanical E	ngineering - No	ovi Sad	Mechanical Engineering	
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.	M316	Produc	ction Syster	ns		Studies (M40) Teo	desy and Geomatics, Undergraduate Academic	
2.	II1017	Produc	ction Syster	n Design			uate Academic Studies strial Engineering, Undergraduate Academic	
3.	II1053	Produc	ction Syster	ns		(F00) Graphic Engineering and Design, Undergraduate Academic Studies		
						(P00) Production Engineering, Undergraduate Academic Studies		
4.	IM1027	Produc	ction systen	ns		Studies	neering Management, Undergraduate Academic	
			-			Undergrad	asurement and Control Engineering, uate Academic Studies	
						Studies	desy and Geomatics, Undergraduate Academic	
5.	IM1039	Fundamentals of Operations management				Undergrad	tal Traffic and Telecommunications, uate Academic Studies	
						Academic		
						Undergrad	aster Risk Management and Fire Safety, uate Academic Studies	
6.	IM1116	Work S	Study and E	Ergonomics		Studies	strial Engineering, Undergraduate Academic	
			-	-		Studies	neering Management, Undergraduate Academic	
7.	ZR401A	Scienc	e on Work				ety at Work, Undergraduate Academic Studies	
8.	IMDR0S	Select and co		s in enterprise's design, or	ganization	(122) Engi	strial Engineering, Specialised Academic Studies neering Management, Specialised Academic	
9.	IMDSPI	Colosted Chapters in Design for Every				Studies	strial Engineering Presidined Academic Studies	
9.	IIVIDSPI	Selected Chapters in Design for Excellence				, ,	strial Engineering, Specialised Academic Studies	
10.	IS001	Effecti	ve manage	ment		Studies	neering Management, Specialised Professional	
						(IB0) Engineering Management - MBA, Specialised Professional Studies		
11.	ZR502	Occupational Risk Assessment				(Z01) Safe	ety at Work, Master Academic Studies	
12.	IIDS5	Select and co		s in enterprise's design, or	ganization	(112) Indus	strial Engineering, Specialised Academic Studies	
						(112) Indus	strial Engineering, Specialised Academic Studies	
13.	IIDS9	IIDS9 Effective Production and Service Systems				(I22) Engi Studies	neering Management, Specialised Academic	

HAS STUDIORUM

UNIVERSITY OF NOVI SAD

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			
14.	IM2101	Intelligent Enterprising and Effective	Management	(M50) Energy Management, Master Academic Studies (I20) Engineering Management, Master Academic Studies			
15.	IM2102	Manufacturing strategy (KAIZEN, LE EFPS)	an, Kanban,	 (110) Industrial Engineering, Master Academic Studies (M50) Energy Management, Master Academic Studies (120) Engineering Management, Master Academic Studies 			
16.	IM2119	Layout and location of the enterprise		(I20) Engineering Management, Master Academic Studies			
17.	IM2124	Production and Service Systems		(H00) Mechatronics, Master Academic Studies (M50) Energy Management, Master Academic Studies			
18.	IMDR0	Science of Industrial Engineering and	d Management	(I20) Industrial Engineering / Engineering Management, Doctoral Academic Studies			
19.	IMDR31	Effective Production and Service Sys	stems	(I20) Industrial Engineering / Engineering Management, Doctoral Academic Studies			
20.	IMDR56	Traceability of Product Lifecycle		(I20) Industrial Engineering / Engineering Management, Doctoral Academic Studies			
21.	IMDR57	Strategic Planning and Designing Pro Systems at the End of Product Lifec		(I20) Industrial Engineering / Engineering Management, Doctoral Academic Studies			
				(F00) Graphic Engineering and Design, Doctoral Academic Studies			
22.	IMDRPI	Selected Chapters in Design for Exce	ellence	(I20) Industrial Engineering / Engineering Management, Doctoral Academic Studies			
23.	IMDR5	Selected chapters in enterprise's des and control	sign, organization	(I20) Industrial Engineering / Engineering Management, Doctoral Academic Studies			
24.	IMDR85	Effective technological and productio		(I20) Industrial Engineering / Engineering Management, Doctoral Academic Studies			
25.	ZRD27A	Operations management in the secur safety	rity and occupational	(Z01) Safety at Work, Doctoral Academic Studies			
26.	ZRD28A	Selected topics in the science of occ	upational safety	(Z01) Safety at Work, Doctoral Academic Studies			
Rep	presentative	refferences (minimum 5, not more that	an 10)				
1.	Ćosić I.: Arrageme	Development of Knowledge-Based Sy ent of Parts Bins at Assembly Workpla	vslem for the Configur ces (TEBES) - Europi	alion of Assembly Systems, Knowledge-Based Selection arid ian Communities Brusseles, 1991			
2.	Industry; University	Chapter 20 of Innovative Production S	Systems Key to Future	tional Structures for Mass Customization in Furniture e Inteligent Manufacturing; Scientific Monography, Maribor, culty of Mechanical Engineering, Skopje, 2010, str. 257-275,			
3.		5 D., Ćosić I., Šormaz D., Šišarica Z.: f Production Research, 1987, Vol. 25,		esign of more effective production systems , International 0020-7543			
4.		Sedmak A., Grubić-Nešić L., Ćosić I.: 52-52, ISSN 0354-7531, UDK: doi:10		nent in complex petrochemical system, Hemijska industrija, 9052K			
5.	product ti			I.: Product lifecycle management (PLM) methodology for nology, Scientific Research and Essays, 2011, Vol. 6, No 22,			
6.		Lalić D., Ćosić I., Mitrović V.: Integrat cal Engineering, 2010, Vol. 56, No 3, p		manufacturing shop control, Strojniski vestnik = Journal of 39-2480			
7.		ki S., Lazarević M., Ostojić G., Ćosić I ssembly Automation, 2009, Vol. 29, No		hnology in Product/Part Tracking During the Whole Life N 0144-5154			
8.	Sremčev N., Ćosić I., Suzić N., Stevanov B.: APPLICATION OF PLM SYSTEMS IN GROUP TECHNOLOGY APPROACH, 23. DAAAM International Symposium, Zadar: DAAAM International, Vienna, Austria, EU, 2012, 24-27 Oktobar, 2012, pp. 981-984, ISBN 978-3-901509-91-9, UDK: ISSN 2304-1382						
9.		D., Ćosić I., Maksimović R.: IIM - pril 125-133, ISSN 0040-2176, UDK: 322		h proizvodnih sistema za budućnost, Tehnika, 2010, Vol. 65,			
10.	D. Lalić B., Ćosić I., Anišić Z.: SIMULATION BASED DESIGN AND RECONFIGURATION OF PRODUCTION SYSTEMS , International journal of Simulation Modelling-IJSIMM, 2005, Vol. 4, No 4, pp. 173-183, ISSN 1726-4529						
	,	for teacher's scientific or art and profe	,				
	ation total :	21) list senere :	96				
	,	CI) list papers :	15 Domostic :				
Curre	urrent projects : Domestic : 2 International : 2						



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



Study Programme Accreditation

UNDERGRADUATE ACADEMIC STUDIES

Production Engineering

Acad Nam starti		anc.				D. Oordan	Dragutinović D. Gordan			
Nam starti		Name and last name: Academic title:			Associate Professor					
starti				Faculty of Technical Sciences - Novi Sad						
	ng date:				06.04.1980					
00101	Scientific or art field:				Termodynamics and Heat Transfer					
Acad	lemic cariee	er	Year	Institution			Field			
Acad	lemic title el	ection:	2010	Faculty of Technical Sci	ences - Novi Sa	ad	Termodynamics and Heat Transfer			
PhD	thesis		1987	Faculty of Technical Sci			Thermal Energetics and Thermotechnics			
Magi	ster thesis		1983	Faculty of Mechanical E	ngineering - Be	ograd	Thermal Energetics and Thermotechnics			
Bach	elor's thesis	3	1977	Faculty of Technical Sci		-	Thermal Energetics and Thermotechnics			
List c	of courses b	eina he	ld by the te	acher in the accredited stu						
	ID		e name				gramme name, study type			
						(Z01) Safe	ety at Work, Undergraduate Academic Studies			
1.	M203	Funda	mentals of	Thermodynamics		(ZC0) Clea	an Energy Technologies, Undergraduate Studies			
						(Z20) Envii Studies	ronmental Engineering, Undergraduate Academic			
							chanization and Construction Engineering, uate Academic Studies			
		Fundamentals in Thermodynamics				(M30) Ene Academic	ergy and Process Engineering, Undergraduate Studies			
2.	M203L					(M40) Technical Mechanics and Technical Design, Undergraduate Academic Studies				
						(MR0) Measurement and Control Engineering, Undergraduate Academic Studies				
						(P00) Production Engineering, Undergraduate Academic Studies				
0	M040	Theme				(M30) Ene Academic	ergy and Process Engineering, Undergraduate Studies			
3.	M210	menn	odynamics				hnical Mechanics and Technical Design, uate Academic Studies			
						(M30) Ene Academic	ergy and Process Engineering, Undergraduate Studies			
4.	M215	Funda	mentals of	Heat Transfer			hnical Mechanics and Technical Design, uate Academic Studies			
						(ZC0) Clea	an Energy Technologies, Undergraduate Studies			
5.	M3303	Funda	mentals of	Process Engineering		(M30) Ene Academic	ergy and Process Engineering, Undergraduate Studies			
6.	URZP31	Funda	mentals of	Thermodynamics with Hea	at Transfer	Undergrad	aster Risk Management and Fire Safety, uate Academic Studies			
7.	GS013	Specia	al topics of b	ouilding physics and therm	nodynamics	(G10) Ene Studies	ergy Efficiency in Buildings, Specialised Academic			
8.	BMIM4A	Transp	oort phenon	nena and Living systems		(BM0) Bio	medical Engineering, Master Academic Studies			
9.	M3508	Mass	Transfer			(M30) Ene Studies	ergy and Process Engineering, Master Academic			
σ.	10000	111233				(M40) Technical Mechanics and Technical Design, Master Academic Studies				
10.	DM307	Select	lected Chapters in Mass Transfer			(M00) Mechanical Engineering, Doctoral Academic Studies				
11.	DM313	Proces	ss Kinetics			(M00) Med	chanical Engineering, Doctoral Academic Studies			
Rep	oresentative	reffere	nces (minin	num 5, not more than 10)						
1.				S. "Operation of Counter ublications, Southampton		tors", Book V	Vol. 4 in Series "Developments in Heat Transfer",			
2.							nal Regenerator Problem: Solution by the nsfer, Vol.34, No. 2, 1991, pp. 483-498.			



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)								
3.	Dragutinovic, G.D., Baclic, B.S., "Interpolation and collocation methods for prediction of thermal regenerator performances", Thermal Science, Vol. 12, No. 4, 1996. pp. 307-327.								
4.	Baclic, B.S., Heggs, P.J., and Dragutinovic, G.D., "Prediction of the Effectiveness of Unbalanced - Asymmetric Counterflow Regenerators", Publications of the Faculty of Technical Sciences, Vol. 15, 1984, pp. 1-15, University of Novi Sad.								
5.	Baclic, B.S., Gvozdenac, D.D., and Dragutinovic, G.D., "Easy way to calculate the Amzelius-Schumann J function", Thermal Science, Vol. 1, No. 1, 1997, pp. 109-116.								
6.	Dragutinović, D.G., Dimić, M., Sinteza optimalnih mreša toplotnih razmenjivača, Termotehnika, 1, 1998.								
7.	Bašić, Đ., Petrović, J., Marić, M., Dragutinović, G., i dr., Mogućnost korišćenja energetskog potencijala geotermalnih voda u Vojvodini, Novi Sad, Prometej, 2009								
8.	Martinov, M., Dragutinović, G., i dr., Mogućnos Novi Sad, PSEMR AP Vojvodina, 2008	t kombinovane proizvo	odnje električne i	toplotne energije iz bior	nase u AP Vojvodini,				
9.	Nedeljkov, M., Dragutinović, G., Mathematical avgust 1987	Simulation od Deep-B	ed Drying of Grai	ins - A numerical simula	tion, CHISA, Prag,				
10.	Nedeljkov, M., Dragutinović, G., Mogućnosti i uslovi racionalizacije procesa konvektivnosg sušenja zrnastih poljoprivrednih proizvoda, 7. simpozijum termičara, Ohrid, maj 1984.								
Summary data for teacher's scientific or art and professional activity:									
Quot	tation total :	11							
Tota	I of SCI(SSCI) list papers :	2							
Curr	ent projects :	Domestic :	2	International :	0				



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

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Study Programme Accreditation

UNDERGRADUATE ACADEMIC STUDIES

Production Engineering

Name and last name:					Đurić M. Nikola			
Academic title:					Assistant Professor			
				acher works full time and	Faculty of Technical Sciences - Novi Sad			
-	ng date:				01.10.1997			
Scientific or art field:					Theoretical Electrotechnics			
Acad	emic cariee	er	Year	Institution			Field	
Acad	emic title el	lection:	2010	Faculty of Technical Sci	ences - Novi S	ad	Theoretical Electrotechnics	
PhD	thesis		2009	Faculty of Technical Science	ences - Novi S	ad	Electrical and Computer Engineering	
Magi	ster thesis		2003	Faculty of Technical Science	ences - Novi S	ad	Electrical and Computer Engineering	
Bach	elor's thesis	s	1997	Faculty of Technical Sci	ences - Novi S	ad	Electrical and Computer Engineering	
List c	of courses b	eing he	ld by the te	acher in the accredited stu	udy programme	s		
	ID	Course	e name			Study pro	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			chatronics, Undergraduate Academic Studies	
						Undergrad	chanization and Construction Engineering, uate Academic Studies	
		2 Electrical Engineering and Electric Machine				Academic	ergy and Process Engineering, Undergraduate Studies chnical Mechanics and Technical Design,	
5.	M112				s	Undergrad	uate Academic Studies duction Engineering, Undergraduate Academic	
						Studies	fic and Transport Engineering, Undergraduate	
						Academic		
						Undergrad	uate Academic Studies	
6.	E105	Funda	mentals of	Electrical Engineering 1		Èngineerin	g, Undergraduate Academic Studies asurement and Control Engineering,	
						Undergrad	uate Academic Studies	
_		<u> </u>					ver, Electronic and Telecommunication g, Undergraduate Academic Studies	
7.	E110	Funda	mentals of	Electrical Engineering 2			asurement and Control Engineering, uate Academic Studies	
8.	BMI94	Funda	mentals of	Electrical Engineering		(BM0) Bio Studies	medical Engineering, Undergraduate Academic	
9.	DE416S	Investi	gation of el	ectromagnetic fields		Èngineerin	ver, Electronic and Telecommunication g, Specialised Academic Studies	
10.	DE517S	Techn	ology of ma	gnetic and optical data sto	orage	Èngineerin	ver, Electronic and Telecommunication g, Specialised Academic Studies	
11.	EE543	Electro	Magnetic	Energy		Èngineerin	er, Electronic and Telecommunication g, Master Academic Studies	
10	EAIED	Invest.	nation of c	octromagnatic fields		(MR0) Me Academic	asurement and Control Engineering, Master Studies	
12.	E1IEP	investi	yation of el	ectromagnetic fields		(E10) Power, Electronic and Telecommunication Engineering, Master Academic Studies		
13.	H799	Fieldb	uses and pi	rotocols		(H00) Med	chatronics, Master Academic Studies	
14.	H845	Motion	control				chatronics, Master Academic Studies strial Engineering, Master Academic Studies	
15.	DE416	Investigation of electromagnetic fields				(E10) Pow	ver, Electronic and Telecommunication g, Doctoral Academic Studies	

ASTAS STUDIORUM		8	UNIVERSITY OF NOVI SAD						
		FACULTY OF TECHNICAL SCIENCES 21000 NOVI SAD, TRG DOSITEJA OBRADOVIĆA 6							
		Study Programme Accreditation							
(O)	LANTENS	UNDERGRADUATE ACADEMIC	STUDIES		Production Engineering	.e HOB			
List o	of courses b	peing held by the teacher in the accre	dited study programme	es					
	ID	Course name		Study programm	me name, study type				
16.	DE517	Technology of magnetic and optical	data storage		ectronic and Telecommur ctoral Academic Studies	nication			
Rep	oresentative	e refferences (minimum 5, not more th	nan 10)						
1.		Despotović M. : Application of MTR s / Proceedings in Engineering Science				ns, Sadhana -			
2.		Nađ L., Damnjanović M., Đurić N., Ži onal, 2011, Vol. 28, No 1, pp. 41-49, I		blication of planar-	type meander sensors, M	licroelectronics			
3.		Kavecan N.: Internet Portal of the SE nces in Future Internet - AFIN, Rim, 1							
4.		Kavečan N., Kljajić D.: The EM Field um on Intelligent systems and Informa							
5.		Šenk V.: The MAP Implementation i um - EMS, Malta, 14-16 Novembar, 2				opean Modeling			
6.		Prša M., Kasaš-Lažetić K.: Informatio jing Sciences - IJES, 2011, Vol. 1, No			etic Fields Monitoring, Inte	ernational Journal			
7.		tović B., Đurić N.: Monitoring of EMF or agnetics and bioeffects of electromag							
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	nmary data	for teacher's scientific or art and prof	essional activity:						
	ation total :		0						
		CI) list papers :	2						
Jurre	ent proiects		Domestic :	3	International :	2			



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



Study Programme Accreditation

UNDERGRADUATE ACADEMIC STUDIES

Production Engineering

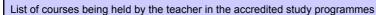
Name and last name:					Gak M. Dragana			
Academic title:					Lecturer			
Name of the institution where the teacher works full time and				acher works full time and	Faculty of Technical Sciences - Novi Sad			
starting date:					16.09.2009			
Scientific or art field:					English			
Acad	emic cariee	er	Year	Institution			Field	
Acad	emic title el	ection:	2008	Faculty of Entrepreneuri Sad	al Managemen	t - Novi	English	
Magi	ster thesis		2010	Faculty of Philosophy - I	Novi Sad		English and American Literature	
Bach	elor's thesis	S	2000	Faculty of Philosophy - I	Novi Sad		English	
List o	of courses b	eing he	ld by the tea	acher in the accredited stu	udy programme	S		
	ID	Course	e name			Study pro	ogramme name, study type	
1.	AEJ1L	Englis	h Language	e - Elementary		(A00) Arch	hitecture, Undergraduate Academic Studies	
2.	AEJ2L	Englis	h Language	e intermediate		(A00) Arch	hitecture, Undergraduate Academic Studies	
3.	AEJ2Z	Englis	h intermedia	ate		(A00) Arch	hitecture, Undergraduate Academic Studies	
4.	AEJ3Z	Englis	h Language	e - upper intermediate		. ,	hitecture, Undergraduate Academic Studies	
							il Engineering, Undergraduate Academic Studies	
							chanization and Construction Engineering, luate Academic Studies	
						(M30) Ene Academic	ergy and Process Engineering, Undergraduate Studies	
5.	EJ01L	01L English Language – Elementary				 (M40) Technical Mechanics and Technical Design, Undergraduate Academic Studies (P00) Production Engineering, Undergraduate Academic Studies 		
						(S00) Traffic and Transport Engineering, Undergraduate Academic Studies		
						(S01) Postal Traffic and Telecommunications, Undergraduate Academic Studies		
							ver, Electronic and Telecommunication Ig, Undergraduate Academic Studies	
						(F00) Graphic Engineering and Design, Undergraduate Academic Studies		
							asurement and Control Engineering, luate Academic Studies	
6.	EJ01Z	Englis	English Language - Elementary			. ,	ety at Work, Undergraduate Academic Studies	
						(ZC0) Clea Academic	an Energy Technologies, Undergraduate Studies	
							aster Risk Management and Fire Safety, uate Academic Studies	
						(Z20) Envir Studies	ronmental Engineering, Undergraduate Academic	
						· · ·	ver, Electronic and Telecommunication Ig, Undergraduate Academic Studies	
						(F00) Graj Academic	phic Engineering and Design, Undergraduate 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		
		2				(Z01) Safe	ety at Work, Undergraduate Academic Studies	
						(ZC0) Clea	an Energy Technologies, Undergraduate Studies	
							aster Risk Management and Fire Safety, luate 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	ist of courses being held by the teacher in the accredited study programmes								
	ID	Course name	Study programme name, study type						
			(110) Industrial Engineering, Undergraduate Academic Studies						
8.	EJ02Z	English Language – Pre-Intermediate	(120) Engineering Management, Undergraduate Academic Studies						
0.	LJUZZ		(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						
		English Language – Upper Intermediate	(F00) Graphic Engineering and Design, Undergraduate Academic Studies						
			(Z01) Safety at Work, Undergraduate Academic Studies						
10.	EJ04L		(E10) Power, Electronic and Telecommunication Engineering, Undergraduate Academic Studies						
			(Z20) Environmental Engineering, Undergraduate Academic Studies						
			(E20) Computing and Control Engineering, Undergraduate Academic Studies						
			(ES0) Power Software Engineering, Undergraduate Academic Studies						
			(F10) Engineering Animation, Undergraduate Academic Studies						
11.	EJ1Z	English Language - Elementary	(GI0) Geodesy and Geomatics, Undergraduate Academic Studies						
			(SE0) Software Engineering and Information Technologies, Undergraduate Academic Studies						
			(SEL) Software Engineering and Information Technologies - Loznica, Undergraduate Academic Studies						
			(AH0) Architecture, Master Academic Studies						
			(E20) Computing and Control Engineering, Undergraduate Academic Studies						
			(F10) Engineering Animation, Undergraduate Academic Studies						
12.	EJ2L	English Language – Intermediate	(GI0) Geodesy and Geomatics, Undergraduate Academic Studies						
			(SE0) Software Engineering and Information Technologies, Undergraduate Academic Studies						
			(SEL) Software Engineering and Information Technologies - Loznica, Undergraduate Academic Studies						



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

Study Programme Accreditation

UNDERGRADUATE ACADEMIC STUDIES



		eing held by the teacher in the accredited study programm	
	ID	Course name	Study programme name, study type
			(E20) Computing and Control Engineering, Undergraduate Academic Studies
			(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.		Lingingin Language - LOF OUUISE	(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



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



Study Programme Accreditation

UNDERGRADUATE ACADEMIC STUDIES

Production Engineering

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

LISU	ID	eing held by the teacher in the accredited study programme 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		
			(110) Industrial Engineering, Undergraduate Academic Studies		
34.	EJIIM	English for Specific Purposes	(I20) Engineering Management, Undergraduate Academic Studies		
			(E20) Computing and Control Engineering, Undergraduate Academic Studies		
			(ES0) Power Software Engineering, Undergraduate Academic Studies		
			(F10) Engineering Animation, Undergraduate Academic Studies		
35.	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		
36.	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		
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		
Rep	oresentative	e refferences (minimum 5, not more than 10)			
1.	Gak Drag	gana, Lorejn Hansberi i (afro) američka porodica, Zadužbina	a Andrejević, Beograd, 2012		
2.		gana, Bulatović Vesna, Bogdanović Vesna, Poređenje nasta adova sa međunarodne konferencije Jezik struke: Teorija i	ave engleskog jezika na privatnom i državnom fakultetu, praksa, Univerzitet u Beogradu, str. 705-709, Beograd, 2009.		
3.		Vesna, Gak Dragana, Bogdanović Vesna, Nastava stranih odne konferencije Jezik struke: Teorija i praksa, Univerzitet			
4.		vić Vesna, Gak Dragana, Univerzalana simbolika na primer lecembar , Pančevo, 2010	u afro-američke zajednice u drami Lorejn Hansberi, Sveske,		
5.		gana, Borković Bojana, Needs Analysis: A Basis of a Succe odne konferencije Jezik struke: Izazovi i perspektive, Unive			
6.	Bulatović		oblems Involved When Teaching Business English, Zbornik		
7.	Gak Drag		cess, Metodički vidici, Filozofski fakultet Novi Sad, str.78-82,		



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

Study Programme Accreditation



6	PLANTER	UNDERGRADUATE ACADEMIC	STUDIES		Production Engineering	HOP			
Re	Representative refferences (minimum 5, not more than 10)								
8.	 Gak Dragana, Questionnaire - an Instrument for Collecting Valuable Data from Teachers of Business English Courses, Zbornik radova sa međunarodne konferencije The Importance of Learning Professional Foreign Language for Communication Between Cultures, Faculty of Logistics, University of Maribor, Slovenia, 2012 								
9.		na, Gak Dragana, Trust Me I'm an E al Foreign Language for Communica							
Su	mmary data fo	r teacher's scientific or art and profe	essional activity:						
Quo	tation total :								
Tota	I of SCI(SSCI)	list papers :							
Curr	ent projects :		Domestic :		International :				



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



Study Programme Accreditation

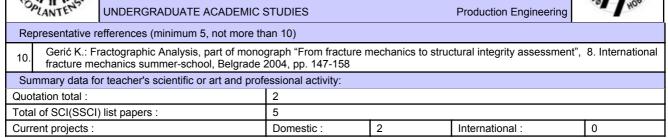
UNDERGRADUATE ACADEMIC STUDIES

Production Engineering

Name and last name: Ger					Gerić D. Katarina			
	e and last n	anne.			Full Professor			
		itution	whore the to	achor works full time and			nces - Novi Sad	
-	ng date:			eacher works full time and	02.12.1976			
	ntific or art f	ield:			Material Science and Engineering Materials			
Acad	emic caries	er	Year	Institution	Field			
Acad	emic title el	ection:	2008	Faculty of Technical Sci	ences - Novi Sa	ad	Material Science and Engineering Materials	
	thesis		1997	Faculty of Technology a			Material Science and Engineering Materials	
Magi	ster thesis		1985	Faculty of Technology a		-	Material Science and Engineering Materials	
Bach	elor's thesis	S	1974	Faculty of Technology a	nd Metallurgy -	Beograd	Metallurgical Engineering	
List c	of courses b	eing he	ld by the te	acher in the accredited stu	udy programme	s		
		0				<u></u>		
	ID	Course	e name			Study pro	gramme name, study type	
1.	H106	Materi	als in Mech	anical Engineering		(H00) Med	chatronics, Undergraduate Academic Studies	
							chanization and Construction Engineering,	
						U U	uate Academic Studies	
						(M30) Ene Academic	ergy and Process Engineering, Undergraduate Studies	
2.	M105	Mecha	inical Mater	ials			chnical Mechanics and Technical Design, uate Academic Studies	
							asurement and Control Engineering, uate Academic Studies	
						(P00) Production Engineering, Undergraduate Academic Studies		
3.	P2412	Contemporary Materials				(P00)Proo Studies	duction Engineering, Undergraduate Academic	
4.	P3401	Characteristics and Application of Plastic Mate			aterials	(P00) Production Engineering, Undergraduate Academic Studies		
5.	ZC003	Flectro	omechanica	I materials	_	(MR0) Measurement and Control Engineering, Undergraduate Academic Studies		
J .	_0000					Académic		
6.	ZRI42A		at work in ent of meta	metallurgy and thermoche I	mical	(Z01) Safety at Work, Undergraduate Academic Studies		
7.	P2502	Proper	rties and Se	election of Materials		(PM0) Production Engineering, Master Academic Studies		
8.	PTS01	Techn	ology of sin	tering		(PM0) Production Engineering, Master Academic Studies		
9.	DM214		•	s in Working Strength		(M00) Mechanical Engineering, Doctoral Academic Studies		
10.	SAP002	-	eering Mate			(M00) Mechanical Engineering, Doctoral Academic Studies		
11.	SAP004		re Mechani			(M00) Mechanical Engineering, Doctoral Academic Studies		
Rep				num 5, not more than 10)				
1.	alloys, Ma	aterials	and Design	, 2013, Vol. 44, pp. 303-3	10, ISSN: 0261	-3069.	.: Notch fracture toughness of high-strength Al	
2.	Cvijovic 2 232, 2008	,	,	K: Fractographic analysis	of fatigue dam	age in 7000) aluminium alloys, Journal of Microscopy, Vol	
3.							pagation models: Numerical and experimental I. 7, No. 2, pp. 801-810, ISSN: 1840-1503.	
4.				., Gerić, K., Burzić, Z., Ma , Vol. 53, No. 3, pp. 171-1			k growth prediction from low cycle fatigue	
5.				c K, The role of Intermetall 555, 2007, pp 553-558	ic Phases in Fa	atigue Crack	Propagation Behavior of Al-Zn-Mg-Cu alloy,	
6.				rdanov I. : Fracture mecha s researches. Vol.II, No.1			fected zone of high strength microalloyed steel,	
7.	Sedmak 32, 1998,		ć K.: Evalua	ation of crack significance	in velded joint	by fracture r	nechanic approach, Kovine, zlitine tehnologije1-2,	
8.	Carié K. Clavardanov I. Sedmak S. Belability and Structural integrity of advanced materials, deo. Lintegral and Einal Strech zon							
9.	Gerić K.:	Prsline	u zavareno	m spoju, monografija, Fak	ultet tehničkih	nauka, Novi	i Sad, 2005.	

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

Study Programme Accreditation



SITAS STUDIO



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



Study Programme Accreditation

UNDERGRADUATE ACADEMIC STUDIES

Production Engineering

Name and last name:					Gilezan K. Silvia			
	e and last n	and.			Full Professor			
		litution	whore the t-	acher works full time and				
-	e of the insi ng date:	utution V		acher works full time and	01.04.1984			
	ntific or art f	ield:			Mathematics			
Acad	emic caries	er	Year	Institution	Field			
Acad	emic title e	lection:	2005	Faculty of Technical Sci	ences - Novi Sa	ad	Mathematics	
	thesis		1993	Faculty of Sciences - No			Mathematical Sciences	
Magi	Magister thesis 1988 Faculty of Mathematics - E					Mathematical Sciences		
Bach	elor's thesis	s	1981	Faculty of Sciences - No	ovi Sad		Mathematical Sciences	
List c	of courses b	eing he	ld by the tea	acher in the accredited stu	udy programme	es		
	ID	Course	e name			Study pro	gramme name, study type	
	011404			N-41		(G00) Civil	Engineering, Master Academic Studies	
1.	GH404	iviathe	matical Stat	listics			Engineering, Undergraduate Academic Studies	
2.	GI303B	Probat	oility and Ma	athematical Statistics		(GI0) Geo Studies	desy and Geomatics, Undergraduate Academic	
3.	IAM003	Forma	I Mathemat	ical Models		(F10) Eng Studies	ineering Animation, Undergraduate Academic	
4.	S011	Mathe	matics 1			(S00) Traf Academic	fic and Transport Engineering, Undergraduate Studies	
7.	5011	maure				Undergrad	tal Traffic and Telecommunications, uate Academic Studies	
						(Z01) Safety at Work, Undergraduate Academic Studies		
5.	Z203	Statist	ical Method	S		(ZP0) Disaster Risk Management and Fire Safety, Undergraduate Academic Studies		
						(Z20) Envir Studies	ronmental Engineering, Undergraduate Academic	
						(110) Industrial Engineering, Undergraduate Academic Studies		
6.	IM1012	Probat	bility and St	atistics		(I20) Engineering Management, Undergraduate Academic Studies		
						(P00) Production Engineering, Undergraduate Academic Studies		
7.	0M506	Semar	ntics of Prog	gramming Languages		(OM1) Ma Studies	thematics in Engineering, Master Academic	
8.	0M507	Logic i	n Compute	r Science		(OM1) Ma Studies	thematics in Engineering, Master Academic	
9.	0M513	Introdu	uction to Fu	nctional Programming Lar	nguages	(OM1) Ma Studies	thematics in Engineering, Master Academic	
10.	0ML506	Semar	ntics of prog	ramming languages		(OM1) Ma Studies	thematics in Engineering, Master Academic	
11.	0ML507	Logic i	n computer	science		(OM1) Ma Studies	thematics in Engineering, Master Academic	
12.	0ML513	Introdu	uction to Fu	nctional Programming Lar	nguages	(OM1) Ma Studies	thematics in Engineering, Master Academic	
							ver, Electronic and Telecommunication g, Specialised Academic Studies	
						(112) Indus	strial Engineering, Specialised Academic Studies	
13.	DZ01MS	01MS Selected Chapters in Mathematics				(I22) Engii Studies	neering Management, Specialised Academic	
					(Z00) Environmental Engineering, Specialised Academic Studies			
14.	GH404	Mathematical Statistics				(G00) Civil Engineering, Master Academic Studies		
	51110-1					· ,	Engineering, Undergraduate Academic Studies	
15.	SD0M06	Logic i	n Compute	r Science		(GI0) Geo Studies	desy and Geomatics, Specialised Academic	

ASTAS STUDIO

UNIVERSITY OF NOVI SAD

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



Study Programme Accreditation

UNDERGRADUATE ACADEMIC STUDIES

Production Engineering

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

	ID	Course name	Study programme name, study type
16.	MPK001	Statistical and Numerical Methods	(MPK) Inženjerstvo tretmana i zaštite voda - TEMPUS(unel naziv na engledskom), Master Academic Studies
17.	D0M05	Semantics of Programming Languages	(OM1) Mathematics in Engineering, Doctoral Academic Studies
18.	D0M06	Logic in Computer Science	(OM1) Mathematics in Engineering, Doctoral Academic Studies
19.	D0M11	Models of Computation	(OM1) Mathematics in Engineering, Doctoral Academic Studies
20.	D0M12	Introduction to Functional Programming Languages	(OM1) Mathematics in Engineering, Doctoral Academic Studies
21.	D0M13	Theory of Mobile Processes	(OM1) Mathematics in Engineering, Doctoral Academic Studies
22.	D0M14	Process Algebra	(OM1) Mathematics in Engineering, Doctoral Academic Studies
23.	DZ01M	Selected Chapters in Mathematics	 (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 (G10) Geodesy and Geomatics, Doctoral Academic Studies (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
24.	AID05	Theory of Mobile Processes	(F20) Engineering Animation, Doctoral Academic Studies
Rep 1.			Journal of Logic and Computation 6 (1993) 671-685, Oxford
2.	D.Dough	erty, P.Lescanne) Theoretical Computer Science 2007	ric lambda calculus: extending the Coppo-Dezani heritage, (s
3.	"Separati 1363	ng Points by Parallel Hyperplanes " (sa J. Pantovic, J. Zuni	ic), IEEE Transactions of Neural Networks 18(5) (2007) 1356
4.	Program	terms for natural deduction, sequent calculus and cut elimi ning, 10 (2000) 121-134.	
5.	"Confluer 2201, 38	nce of untyped lambda calculus via simple types" (with V.Ki -49.	uncak), ICTCS"01, Lecture Notes in Computer Science
6.	"Full inter	rsection types and topologies in lambda calculus", Journal o	of Computer and System Sciences, 62 (2001) 1-14.
7.	"Behavio (2004) 49	ural inverse limit lambda models" (sa M. Dezani-Ciancaglin)-74.	i, S. Likavec), Theoretical Computer Science Vol 316/1-3
8.		ormalization of the classical sequent calculus" (sa D. Doug 3835 (2005) 169-183.	herty, P. Lescanne, S.Likavec), Lecture Notes in Computer
9.		types for dynamic web data" (sa M.Dezani-Ciancaglini, J. F Computer Science 4661 (2007) 263-280.	Pantovic), Trustworthy Global Computing, TGC"06, Lecture
10.	Zbirka re	šenih zadataka iz statistike (sa Z.Lužanin, Z.Ovcin, Lj.Nedo	ović, T.Grbić, B.Mihailović) 2005
-	nmany data	for teacher's scientific or art and professional activity:	

STAS STUD			WYKNX H		
NOR COR	FACULTY OF TECHNICAL SCI				
The search	Study F	ccreditatio	on	Con Con	
PLANTER	UNDERGRADUATE ACADEMIC	STUDIES		Production Engineering	HO
Total of SCI(SSCI)) list papers :	17			
Current projects :		Domestic :	2	International :	4



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



Study Programme Accreditation

UNDERGRADUATE ACADEMIC STUDIES

Production Engineering

Name and last name: Gla					Glavardanov B. Valentin				
	e and last n				Full Professor				
		titution v	where the te	eacher works full time and					
	ng date:				17.05.1990				
	ntific or art f	ield:			Deformable Body Mechanics				
Acad	emic cariee	er	Year	Institution	Field				
Acad	emic title el	lection:	2008	Faculty of Technical Sci	ences - Novi S	ad	Deformable Body Mechanics		
PhD	thesis		1997	Faculty of Technical Scie			Deformable Body Mechanics		
Magi	ster thesis		1995	Faculty of Mathematics			Deformable Body Mechanics		
	elor's thesis	s	1989	Faculty of Technical Scie		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	ials		(H00) Med	chatronics, Undergraduate Academic Studies		
							chanization and Construction Engineering, luate Academic Studies		
3.	M204	Streng	ith of Mater	ials		(M30) Ene Academic	ergy and Process Engineering, Undergraduate Studies		
J.	IVI∠04	Strength of Materials				(M40) Technical Mechanics and Technical Design, Undergraduate Academic Studies			
						(P00)Proo Studies	duction Engineering, Undergraduate Academic		
4.	M2412						chnical Mechanics and Technical Design, luate Academic Studies		
ч.	1012412	Theory of Elasticity				(P00) Proo Studies	duction Engineering, Undergraduate Academic		
5.	M4302	Biomechanics and mechanics of sport					chnical Mechanics and Technical Design, luate Academic Studies		
6.	M4304	Advan	ced strengt	h of materials		· · ·	 Technical Mechanics and Technical Design, rrgraduate Academic Studies 		
7.	M4306	Simila	rity and dim	ensional methods			chnical Mechanics and Technical Design, uate Academic Studies		
8.	M4401	Contin	uum mecha	anics			chnical Mechanics and Technical Design, uate Academic Studies		
9.	URZP14	Funda	mentals of	Mechanical Engineering			aster Risk Management and Fire Safety, uate Academic Studies		
10.	BMI128	Contin	uum Biome	echanics		(BM0) Bio Studies	medical Engineering, Undergraduate Academic		
11.	II1004	Mecha	inics 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, luate Academic Studies		
13.	M4504	Therm	al Elasticity	1		Académic			
14.	M45991	Biome	chanics of	cardiovascular system		Academic			
15.	DM402	Select	ed Chapter	s in Elasticity Theory			chanical Engineering, Doctoral Academic Studies chnical Mechanics, Doctoral Academic Studies		
16.	DM404	Select	ed Chapter	s in Mechanics of Continu	um		chanical Engineering, Doctoral Academic Studies		
17.	DZ003	Selected Chapters in Mechanics		(M40) Technical Mechanics, Doctoral Academic Studies (M00) Mechanical Engineering, Doctoral Academic Studies					
18.	FDS143					(M00) Mechanical Engineering, Doctoral Academic Studies (F00) Graphic Engineering and Design, Doctoral Academic Studies			
19.	ZRD16A	Selected chapters in mechanics and elasticity theory			ity theory		ety at Work, Doctoral Academic Studies		
				num 5, not more than 10)	,,	, , , , , , , , , , , , , , , , , , ,			

SITAS STUD			UNIVERSITY OF NO	VI SAD		WYKHX H				
A	NOU BOR	FACULTY OF TECHNICAL SCI	FACULTY OF TECHNICAL SCIENCES 21000 NOVI SAD, TRG DOSITEJA OBRADOVIĆA 6							
2.2		Study Programme Accreditation								
0	LANTER	UNDERGRADUATE ACADEMIC	STUDIES		Production Engineering					
Re	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	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. Glavardanov and T. M. Atanackovic, Stability of a pipe through which a sring is pulled. Int. J. Non-Linear Mechanics 35, 7–20 (2000).									
4.	V. B. Glava 20, 795–80	rdanov and T. M. Atanackovic, Opti 9 (2001).	mal shape of a twiste	d compressed roc	I. European Journal of Mec	hanics A-Solids,				
5.	T. M. Atana 39, 2987-29	ackovic, V. B. Glavardanov, Buckling 999 (2002)	g of a twisted and com	npressed rod. Inte	rnational Journal of Solids	and Structures,				
6.		ić, V. B. Glavardanov, Stability of a l -Transaction of the ASME, 71, 896-		llar 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 on, 28, 388-396, (2004)	shape of a heavy con	npressed column"	, Structural and Multidiscipl	linary				
9.	R. Maretic, V. Glavardanov and V. Mitic, Vibration and Stability of a Heavy and Heated Vertical Circular Plate, International Journal of Structural Stability and Dynamics, vol 10, No 5,1111-1121, 2010									
10.	Glavaradno	ov V, Maretic R, Stability of a twisted	and compressed cla	mped rod, Acta M	lechanica, 202, 17-33, 200	9				
Su	mmary data fo	or teacher's scientific or art and profe	essional activity:							
Quo	tation total :		2							
Tota	I of SCI(SSCI) list papers :	14							
Curr	ent projects :		Domestic :	1	International :	0				



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



Study Programme Accreditation

UNDERGRADUATE ACADEMIC STUDIES

Production Engineering

Name and last name: Gostimirović P. Marin									
	e and last n	anne.			Full Professor				
		itution	whore the t-	achor works full time and	F 11 (T		nces - Novi Sad		
	ng date:	itution v	vnere the te	acher works full time and	12.10.1982				
	ntific or art f	ield:			Processes for Material Removal Processing				
	Academic carieer Year Institution						Field		
	emic 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		
	Magister thesis 1989 Faculty of Technical Scie					Processes for Material Removal Processing			
	elor's thesis		1982	Faculty of Technical Sci			Processes for Material Removal Processing		
				acher in the accredited stu			The second s		
						,3 			
	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		Studies	duction Engineering, Undergraduate Academic		
3.	P1507	Inovati	ional Techn	ologies		(P00)Proo Studies	duction Engineering, Undergraduate Academic		
4.	P208	Techn	ology for Cu	utting Processing		(P00) Prod Studies	duction Engineering, Undergraduate Academic		
5.	P305	Nonco	nventional	Procedures in Processing		(P00) Prod Studies	(P00) Production Engineering, Undergraduate Academic Studies		
6.	P4410	Design and Product Functionality				(P00) Prod Studies	P00) Production Engineering, Undergraduate Academic audies		
7.	M2061	Basics of Manufacturing Technologies 1				Undergrad (M40) Tec	M20) Mechanization and Construction Engineering, Jndergraduate Academic Studies (M40) Technical Mechanics and Technical Design, Jndergraduate Academic Studies		
8.	P316A	Techn	ology for Mi	crocutting Processes			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	Produc	ction Desigr	ı		(PM0) Production Engineering, Master Academic Studies			
13.	PP101	Intelige	ent Forming	Processes		(PM0) Production Engineering, Master Academic Studies			
14.	DP001	Desigr Engine		arch Methods in Productio	on	(M00) Mechanical Engineering, Doctoral Academic Studies			
15.	DP002			n Forming by Material Rer	moval	(M00) Mea	chanical Engineering, Doctoral Academic Studies		
16.	DP009	Artificia	al Intelligen	ce Application in Forming		· /	chanical Engineering, Doctoral Academic Studies		
17.	DP009			cies in Development of U	nconventional	· /	chanical Engineering, Doctoral Academic Studies		
18.	DP021	Select		s in Micro and Nano Form	ing by	(M00) Med	chanical Engineering, Doctoral Academic Studies		
Rep	oresentative	reffere	nces (minin	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	I. Sekulić: Osnove tehnol	ogije obrade re	zanjem, Fak	kultet tehničkih nauka, Novi Sad, 2008.		
3.	heat cond	duction a		rojniški vestnik – Journal			ermal state in creep-feed grinding using inverse , DOI: 10.5545/sv-jme.2010.075, Slovenia, Vol		
4.	Gostimirović M., Kovač P., Sekulić M.: An inverse heat transfer problem for optimization of the thermal process in machining,								
5.				ešić D., Škorić B., Savkov urgija, Croatia, Vol. 51, No			rties of the workpiece material in high		

4	TAS STUD		UNIVERSITY OF NO	VI SAD		WYKHX H			
A	NOU DO R	FACULTY OF TECHNICAL SCI	EJA OBRADOVIĆA 6						
NO.ZE		Study P	Study Programme Accreditation						
.0	LANTER	UNDERGRADUATE ACADEMIC S	STUDIES		Production Engineering	HO			
Re	presentative r	efferences (minimum 5, not more th	an 10)						
6.	 Kovač P., Rodić D., Pucovsky V., Savković B., Gostimirović M.: Application of fuzzi logic and regression analysis for modeling surface roughness in face milling, Journal of Intelligent Manufacturing, 2012, ISSN 0956-5515, UDK: DOI 10.1007/s10845-012 0623-z 								
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	rade, Fakultet tehničk	ih 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 								
Su	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						
Curr	ent projects :		Domestic :	1	International :	3			



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



Study Programme Accreditation

UNDERGRADUATE ACADEMIC STUDIES

Production Engineering

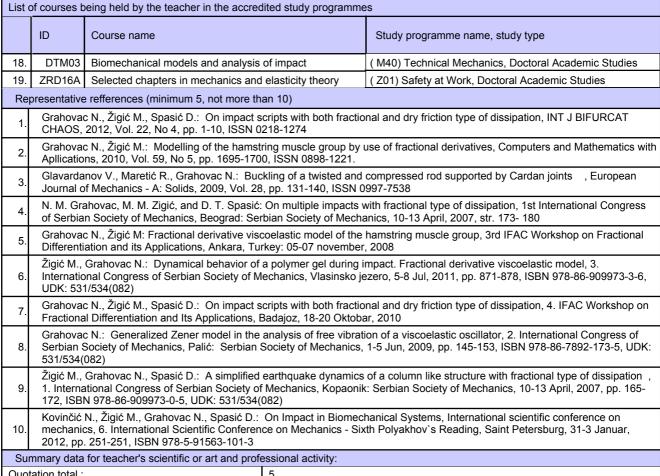
Name and last name: Grah						Brahovac M. Nenad		
Academic title:					Assistant Professor			
		itution	whore the t-	oobor worko full timo and				
	e of the inst ig date:	ILUTION V	mere the te	eacher works full time and	29.12.2004			
	tific or art fi	ield:			Mechanics			
	emic cariee		Year	Institution	Field			
	emic title el		2012	Faculty of Technical Scie	ences - Novi Sa	ad	Mechanics	
PhD t			2012	Faculty of Technical Scie			Mechanics	
-	ter thesis		2005	Faculty of Technical Scie			Continuum Mechanics	
	elor's thesis	5	2000	Faculty of Technical Scie			Deformable Body Mechanics	
				acher in the accredited stu				
					, p. eg. annine			
	ID	Course	e name			Study pro	gramme name, study type	
						(A00) Arch	nitecture, Undergraduate Academic Studies	
1.	A207	Mecha	inics			(F10) Engi Studies	ineering Animation, Undergraduate Academic	
	F 404	Mark					ver, Electronic and Telecommunication g, Undergraduate Academic Studies	
2.	E104	Mecha	INICS				asurement and Control Engineering, uate Academic Studies	
3.	GG07	Mecha	inics 1				I Engineering, Undergraduate Academic Studies	
						, ,	chatronics, Undergraduate Academic Studies	
4.	H112	Mechanics 1 – Fundamentals				. ,	fic and Transport Engineering, Undergraduate	
5.	H201	Mechanics 2 - General					chatronics, Undergraduate Academic Studies	
6.	H303	Mecha	tronics 3 –	Further Chapters		, ,	chatronics, Undergraduate Academic Studies	
						(M20) Med	chanization and Construction Engineering, uate Academic Studies	
7.	M204	04 Strength of Materials				(M30) Ene Academic	ergy and Process Engineering, Undergraduate Studies	
<i>'</i> .	11204						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	
9.		BIOINE					er, Electronic and Telecommunication g, Undergraduate Academic Studies	
10.	II1004	Mecha	inics and In	dustrial Engineering		(110) Indus Studies	strial Engineering, Undergraduate Academic	
11.	M44041	Dynam	nics of non-	smooth mechanical syster	ns		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	Transport phenomena and Living systems				(BM0) Bio	medical Engineering, Master Academic Studies	
14.	M45991	Biome	chanics of o	cardiovascular system		(M40) Tec Academic	hnical Mechanics and Technical Design, Master Studies	
15.	SZD051	Applications of optimal control theory in living environment protection			ıg	(Z00) Environmental Engineering, Specialised Academic Studies		
16.	DM801					(M40) Tec	hnical Mechanics, Doctoral Academic Studies	
						(H00) Mec	chatronics, Doctoral Academic Studies	
17.		Thoor	ofimnest			(M00) Med	chanical Engineering, Doctoral Academic Studies	
	DTM02	DTM02 Theory of impact			(M40) Technical Mechanics, Doctoral Academic Studies			
·''·]						(10140) 100		



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

Study Programme Accreditation

UNDERGRADUATE ACADEMIC STUDIES



Quotation total :	5						
Total of SCI(SSCI) list papers :	3	3					
Current projects :	Domestic :	1	International :	0			



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



Study Programme Accreditation

UNDERGRADUATE ACADEMIC STUDIES

Production Engineering

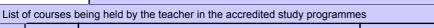
Name and last name: Grbić P. Tatjar							i	
					Grbić P. Tatjana Assistant Professor			
					F 11 (T	of Technical Sciences - Novi Sad		
starting date:					15.12.1995			
Scientific or art field:					Mathematics			
Academic carieer Year Institution					Field			
Academic title election: 2009 Faculty of Technical Sci					ences - Novi Sad		Mathematics	
PhD thesis			2008 Faculty of Sciences - Novi Sad				Mathematical Sciences	
Magister thesis			1999	Faculty of Sciences - No	ri Sad		Mathematical Sciences	
Bachelor's thesis 1			1993	Faculty of Sciences - No	ovi Sad		Mathematical Sciences	
List of courses being held by the teacher in the accredited study programmes								
	ID	Course name				Study programme name, study type		
		Probability, Statistics and Stochastic Processes				(MR0) Measurement and Control Engineering, Undergraduate Academic Studies		
1.	E135				5585	(E10) Power, Electronic and Telecommunication Engineering, Undergraduate Academic Studies		
2.		Mathematical Analysis 1				(E20) Computing and Control Engineering, Undergraduate Academic Studies		
	E212					(SE0) Software Engineering and Information Technologies, Undergraduate Academic Studies		
						(SEL) Software Engineering and Information Technologies - Loznica, Undergraduate Academic Studies		
3.	GI303B	Probability and Mathematical Statistics				(GI0) Geodesy and Geomatics, Undergraduate Academic Studies		
4.		Mathematics 1				(Z01) Safety at Work, Undergraduate Academic Studies		
						(ZC0) Clean Energy Technologies, Undergraduate Academic Studies		
	Z104					(ZP0) Disaster Risk Management and Fire Safety, Undergraduate Academic Studies		
						(Z20) Environmental Engineering, Undergraduate Academic Studies		
		Statistical Methods				(Z01) Safety at Work, Undergraduate Academic Studies		
5.	Z203						aster Risk Management and Fire Safety, uate Academic Studies	
						(Z20) Environmental Engineering, Undergraduate Academic Studies		
6.	BMI91	Mathe	matics 1			(BM0) Biomedical Engineering, Undergraduate Academic Studies		
7.	BMI92	Mathe	matics 2			(BM0) Biomedical Engineering, Undergraduate Academic Studies		
8.	IA001	Algebr	a			(F10) Engineering Animation, Undergraduate Academic Studies		
9.	IA002	Mathematical Analysis				(F10) Engineering Animation, Undergraduate Academic Studies		
10.	P216	Nume	rical Analys	is		(P00) Production Engineering, Undergraduate Academic Studies		
11.	S01361	Busine	ess decisior	n making		(S01) Postal Traffic and Telecommunications, Undergraduate Academic Studies		
12.	0M505	Stocha	astic Proces	SSES		(OM1) Mathematics in Engineering, Master Academic Studies		
13.	0ML505	Stochastic Processes				(OM1) Mathematics in Engineering, Master Academic Studies		



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	
			(E11) Power, Electronic and Telecommunication Engineering, Specialised Academic Studies	
			(112) Industrial Engineering, Specialised Academic Studies	
14.	DZ01MS	Selected Chapters in Mathematics	(I22) Engineering Management, Specialised Academic Studies	
			(Z00) Environmental Engineering, Specialised Academic Studies	
15.	ZR503	Statistical Advanced Models	(Z01) Safety at Work, Master Academic Studies	
16.	MPK001	Statistical and Numerical Methods	(MPK) Inženjerstvo tretmana i zaštite voda - TEMPUS(uneti naziv na engledskom), Master Academic Studies	
17.	SDOM3 0	Probability, Statistics and Theory of Engineering Experiment	(Z00) Environmental Engineering, Specialised Academic Studies	
18.	D0M01	Functional Analysis 1	(OM1) Mathematics in Engineering, Doctoral Academic Studies	
19.	D0M07	Mathematical Foundations of Fuzzy Systems	(OM1) Mathematics in Engineering, Doctoral Academic Studies	
20.	D0M19	Functional Analysis 2	(OM1) Mathematics in Engineering, Doctoral Academic Studies	
21.	D0M21	Fuzzy Systems and Their Applications	(OM1) Mathematics in Engineering, Doctoral Academic Studies	
22.	D0M50	Fuzzy Measures and Integrals	(OM1) Mathematics in Engineering, Doctoral Academic Studies	
23.	D0M51	Large Deviations Principles	(OM1) Mathematics in Engineering, Doctoral Academic Studies	
24.	D0M52	Random Sets	(OM1) Mathematics in Engineering, Doctoral Academic Studies	
25.	D0M53	Statistical Processing of Fuzzy Data	(OM1) Mathematics in Engineering, Doctoral Academic Studies	
			(M00) Mechanical Engineering, Doctoral Academic Studies	
	5.01.000	Probability, Statistics and Theory of Engineering	(M40) Technical Mechanics, Doctoral Academic Studies	
26.	DOM30	Experiment	(Z00) Environmental Engineering, Doctoral Academic Studies	
			(Z01) Safety at Work, 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	
27.	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 Studies	
			(Z01) Safety at Work, Doctoral Academic Studies	
Rer	resentative	refferences (minimum 5, not more than 10)		
		N.M., Nedović, Lj., Grbić, T., :"The pseudo-linear superposit	ion principle for nonlinear partial differential equations and	
1.		ation of their solution by the pseudo-integral", Fuzzy sets a		





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

A ROAD

Study Programme Accreditati	on
UNDERGRADUATE ACADEMIC STUDIES	Pro

Re	Representative refferences (minimum 5, not more than 10)							
2.	Nedović, Lj., Ralević, N. M., Grbić, T.,: " Large deviation principle with generated pseudo measures", Fuzzy sets and systems, 2005, No. 105, 65-76							
3.	Štajner-Papuga, I., Grbić, T., Dankova, M., "Ps	eud-Riemann-Stieltje	s integral ", Inform	nation Sciences 179, 20	009, 2923-2933			
4.	M. Štrboja, T. Grbić, I. Štajner-Papuga, G. Gru functions, FSS, doi:10.101016/j.fss.2012.07.01		and Chebyshev in	equalities for pseudo-i	ntegrals of set-valued			
5.	Grbić, T., Pap, E., : "Generalization Of Portam sets", Theory of Probability and its Applications		spect to the pseud	do-weak convergence	of random closed			
6.	T. Grbić, I. Štajner-Papuga, M. Štrboja, an approach to pseudo-integration of set-valued functions, Information Sciences 181 (2011), 2278-2292							
7.	T. Grbić, S. Medić, I. Štajner-Papuga, T. Došenović, Inequalities of Jensen and Chebyshev type for interval-valued measures based on pseudo-integrals. In: Intelligent Systems: Models and Applications, E. Pap, Ed., Springer-Verlag, pp 23-41, DOI:10.1007/978-3-642-33959-2_2							
8.	Štajner-Papuga, I., Grbić, T., Dankova, M., "Ri Mathe., Vol. 36, No. 2, 111-124	emann-Stieltjes type i	ntegral based on	generated pseudo-ope	rations", NS J.			
9.	Nedović, Lj., Grbić, T., "The pseudo-probability	", Journal of Electrica	Engineering, 200	02, Vol. 53, No. 12/s, 2	7-30			
10.	10. Mihailović, B., Nedović, T., Grbić, T., "The induced Sugeno integral-based operator w.r.t. bi-fuzzy measures", Journal of Electrical engineering, Vol. 54, No. 12/s, 76-79							
Su	mmary data for teacher's scientific or art and profe	essional activity:						
Quo	tation total :	17						
Tota	l of SCI(SSCI) list papers :	6						
Curr	Current projects : Domestic : 2 International : 0							



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

A REAL PROPERTY OF

Study Programme Accreditation

UNDERGRADUATE ACADEMIC STUDIES

Production Engineering

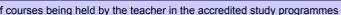
Name and last name:					Hadžistević J. Miodrag			
Academic title:					Associate Professor			
Name of the institution where the teacher works full time and				eacher works full time and	Faculty of Technical Sciences - Novi Sad			
starting date:			01.02.1993					
	ntific or art f				Metrology, Q	uality, Fixtur	es and Ecological-Engineering Aspects	
Acad	emic cariee	er	Year	Institution			Field	
Acad	emic title el	ection:	2010	Faculty of Technical Sci	ences - Novi S	ad	Metrology, Quality, Fixtures and Ecological- Engineering Aspects	
PhD	thesis		2004	Faculty of Technical Science	ences - Novi S	ad	Metrology, Quality, Fixtures and Ecological- Engineering Aspects	
Magi	ster thesis		1999	Faculty of Technical Science	ences - Novi S	ad	Metrology, Quality, Fixtures and Ecological- Engineering Aspects	
Bach	elor's thesis	S	1992	Faculty of Technical Sci	ences - Novi S	ad	Cutting Processing Tools and Tribology	
List c	f courses b	eing he	ld by the te	acher in the accredited stu	udy programme	es		
	ID	Course	e name			Study pro	gramme name, study type	
1.	P1401	Fixture	e Design an	d Measuring Machines		(P00)Pro Studies	duction Engineering, Undergraduate Academic	
						(P00) Pro Studies	duction Engineering, Undergraduate Academic	
2.	P1508	Revers	se Enginee	ring and CAQ			tware Engineering and Information Technologies, uate Academic Studies	
							tware Engineering and Information Technologies - ndergraduate Academic Studies	
	5000						chnical Mechanics and Technical Design, uate Academic Studies	
3.	P209	Measu	irements ar	id Quality		(P00) Production Engineering, Undergraduate Academic Studies		
4.	P306	Fixtures				(P00) Production Engineering, Undergraduate Academic Studies		
5.	URZP15	Work s	safety durin	g interventions		(ZP0) Disaster Risk Management and Fire Safety, Undergraduate Academic Studies		
6.	Z207	Mecha	inical Engin	eering in Environmental E	Ingineering	(Z20) Environmental Engineering, Undergraduate Academic Studies		
7.	Z207A	Mecha	nical Engin	eering in Environmental E	Ingineering	(Z01) Safety at Work, Undergraduate Academic Studies		
						(Z01) Safety at Work, Undergraduate Academic Studies		
8.	Z301	Polluti	on Measure	ement and Control		(Z20) Envi Studies	ronmental Engineering, Undergraduate Academic	
9.	Z416	EMS S	Systems			(Z20) Envi Studies	ronmental Engineering, Undergraduate Academic	
10.	ZR101	Introdu	uction and F	Principles of Occupational	Safety	(Z01) Safe	ety at Work, Undergraduate Academic Studies	
11.	ZR404	Occup	ational Safe	ety Systems, Means and E	Equipment	(Z01) Safe	ety at Work, Undergraduate Academic Studies	
12.	Z207		stvo u inžer na englesko	njerstvu zaštite životne sre om)	dine(uneti	(Z20) Envi Studies	ronmental Engineering, Undergraduate Academic	
13.	Z416	EMS s	istemi(unet	i naziv na engleskom)		(Z20) Envi Studies	ronmental Engineering, Undergraduate Academic	
14.	IM1714	Introduction and principles of occupational of health and safety			occupational	(I20) Engir Studies	neering Management, Undergraduate Academic	
15.	ZC036	Measu	irement and	d control of pollution		(ZC0) Cle Academic	an Energy Technologies, Undergraduate Studies	
16.	P1409	Materi	al Control S	Systems and CAI		(PM0)Pro	duction Engineering, Master Academic Studies	
17.	P1501	Ecoloc	gical Techno	ologies and Systems			hnical Mechanics and Technical Design, Master	
						(PM0) Pro	duction Engineering, Master Academic Studies	
18.	Z416A	Enviro	nment Prot	ection System Manageme	ent	(PM0)Pro	duction Engineering, Master Academic Studies	
19.	Z452		n and maint nmental eng	enance of quality control i gineering	n	(M40) Teo Academic	chnical Mechanics and Technical Design, Master Studies	



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

Study Programme Accreditation

UNDERGRADUATE ACADEMIC STUDIES



List o	List of courses being held by the teacher in the accredited study programmes							
	ID	Course name		Study programme name, study type				
20.	PLIS1	Logistics and Simulation in Technolo Processing	ogies of Plastics	(PM0) Production Engineering, Master Academic Studies				
21.	PP103	Measurement and tools in precision	engineering	(PM0) Production Engineering, Master Academic Studies				
22.	SDOM3 0	Probability, Statistics and Theory of Experiment	Engineering	(Z00) Environmental Engineering, Specialised Academic Studies				
23.	SM3	Software support for reverse engine	ering and CAQ	(PM0) Production Engineering, Master Academic Studies				
24.	SZSP18	Contemporary scientific approaches assessment of products (LCA)	in life cycle	(Z00) Environmental Engineering, Specialised Academic Studies				
25.	ZCM09	Occupational Health and Safety		(ZC0) Clean Energy Technologies, Master Academic Studies				
26.	ZR406A	System Regulations and EU Practice Health and Safety	e in Occupational	(Z01) Safety at Work, Master Academic Studies				
27.	DOM30	Probability, Statistics and Theory of Experiment	Engineering	 (M00) Mechanical Engineering, Doctoral Academic Studies (M40) Technical Mechanics, Doctoral Academic Studies (Z00) Environmental Engineering, Doctoral Academic Studies (Z01) Safety at Work, Doctoral Academic Studies 				
28.	DP001	Design and Research Methods in Pr	roduction	(M00) Mechanical Engineering, Doctoral Academic Studies				
20.	DP006	Engineering State and development trends of me fixtures	etrology, quality and	(M00) Mechanical Engineering, Doctoral Academic Studies				
30.	DP013	Ecological Engineering Aspects		(M00) Mechanical Engineering, Doctoral Academic Studies				
31.	DP019	Selected topics in technical diagnosi	is	(M00) Mechanical Engineering, Doctoral Academic Studies				
32.	ZSP18	Modern Scientific Approaches in Pro Assessment (LCA)	oduct Life Cycle	(Z00) Environmental Engineering, Doctoral Academic Studies				
33.	ZRD211	Sustainable design and product safe	ety	(Z01) Safety at Work, Doctoral Academic Studies				
34.	ZRD213	Current state and development tend management of work environment	encies of quality	(Z01) Safety at Work, Doctoral Academic Studies				
35.	ZRD235	Systemic regulation in the field of oc and health	cupational safety	(Z01) Safety at Work, Doctoral Academic Studies				
Rep	oresentative	e refferences (minimum 5, not more th	an 10)					
1.		l.: Povećanje tačnosti merenja numeri vo, ISBN 86-7892-028-9, Novi Sad, 20		mašina, edicija tehničke nauke - monografija, FTN				
2.		., Cvetićanin, L., Hodolič, J., Stević, M Acta Mechanica Slovaca, 2/2002, Roč		a na určenie hladiny hluku v priemyselnych podnikoch, ošice, Slovačka, 2002.				
3.				vanje funkcije postojanosti jednozubog odvalnog glodala u mašinstvo, broj 9, Novi Sad, str. 135-144, 1992. god.				
4.				on Of Measuring Error On CMM, 11th International CIRP Life nt Issues", Proceedings, Beograd, pp. 217-222, 2004. god.				
5.				E Integrated Injection Mold Design System for Plastic gy, 2012, Vol. 63, No 5-8, pp. 595-607, ISSN 0268-3768				
6.	Dimensic			čar V., Balić J., Ačko B.: Possibilities of Using Three- trojniski vestnik = Journal of Mechanical Engineering, 2011,				
7.	main cutt	1., Jurković Z., Hadžistević M., Gostim ing force in face milling, Metalurgija, 2 5:620.171.70/178:620.18 = 111		ce of mechanical properties of workpiece material on the . 339-342, ISSN 0543-5846, UDK:				
8.				of Group Technology in Complex Cluster type Organizational 10, Vol. 56, No 10, pp. 663-675, ISSN 0039-2480				
9.	INFORM	ATION TECHNOLOGIES MANAGEM	ENT TOOLS - ESTIM	ARE QUALITY MANAGEMENT SYSTEM AND ATES OF SERBIAN QUALITY MANAGERS, No 1, pp. 33-36, ISSN 2217-8155, UDK: 658.5				
10.		vić M., Morača S.: Networks and Qua ISSN 1800-6450	ality Improvement, Inte	rnational Journal for Quality Research, 2009, Vol. 3, No 4, pp.				
Sur	mmary data	for teacher's scientific or art and profe	essional activity:					
-	ation total :		20					
	`	CI) list papers :	9 Domestic :					
Curre	ent projects	2 International : 2						



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



Study Programme Accreditation

UNDERGRADUATE ACADEMIC STUDIES

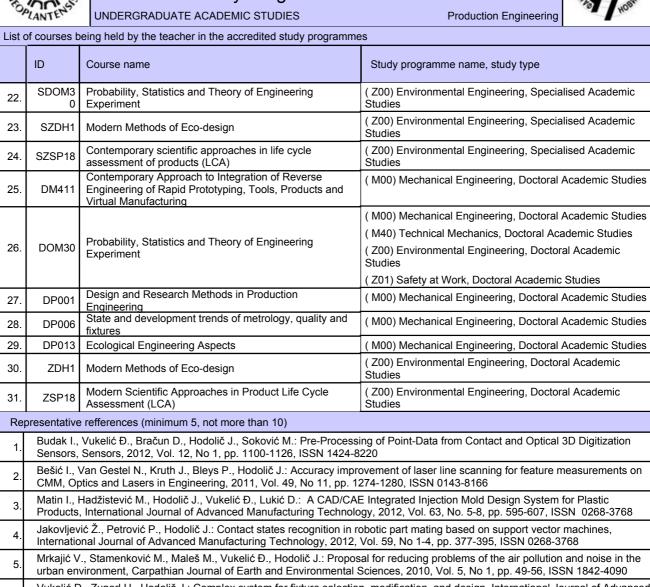
Production Engineering

Name and last name:			Hodolič J. Janko					
Academic title:			Full Professor					
Name of the institution where the teacher works full time and								
starting date:			06.12.1974					
Scier	ntific or art f	ield:			Metrology, Qu	uality, Fixtur	es and Ecological-Engineering Aspects	
Acad	emic cariee	er	Year	Institution			Field	
Acad	emic title el	lection:	1997	Faculty of Technical Science	ences - Novi S	ad	Metrology, Quality, Fixtures and Ecological- Engineering Aspects	
PhD	thesis		1989	Faculty of Technical Science	ences - Novi S	ad	Mechanical Engineering	
Magi	ster thesis		1979	Faculty of Technical Science	ences - Novi S	ad	Mechanical Engineering	
Bach	elor's thesis	s	1974	Faculty of Technical Science	ences - Novi S	ad	Mechanical Engineering	
List c	of courses b	eing he	ld by the te	acher in the accredited stu	udy programme	s		
	ID	Course	e name			Study pro	gramme name, study type	
1.	IA018	3D Dig	italization N	Methods		(F10) Eng Studies	ineering Animation, Undergraduate Academic	
2.	P1401	Fixture	e Design an	d Measuring Machines		(P00) Proo Studies	duction Engineering, Undergraduate Academic	
3.	P1508	Revers	se Enginee	ring and CAQ		Studies (SE0) Soff	duction Engineering, Undergraduate Academic tware Engineering and Information Technologies, uate Academic Studies	
							tware Engineering and Information Technologies - ndergraduate Academic Studies	
4.	P209	Measu	irements ar	nd Quality		(M40) Technical Mechanics and Technical Design, Undergraduate Academic Studies		
						(P00) Production Engineering, Undergraduate Academic Studies		
5.	P2617	Planning Methods and Experiment Processing			ing	(P00) Production Engineering, Undergraduate Academic Studies		
6.	P306	Fixture	es			(P00) Production Engineering, Undergraduate Academic Studies		
7.	Z207	Mecha	nical Engin	eering in Environmental E	Ingineering	(Z20) Environmental Engineering, Undergraduate Academic Studies		
8.	Z207A	Mecha	inical Engin	eering in Environmental E	Ingineering	(Z01) Safety at Work, Undergraduate Academic Studies		
9.	Z301	Polluti	on Measure	ement and Control		(Z01) Safety at Work, Undergraduate Academic Studies (Z20) Environmental Engineering, Undergraduate Academic Studies		
10.	Z416	EMS S	Systems			(Z20) Envii Studies	ronmental Engineering, Undergraduate Academic	
11.	ZR320	Workp	lace	lysys of Safety and Health		(Z01) Safe	ety at Work, Undergraduate Academic Studies	
12.	ZRI441	protec	tion	systems for environmenta			ety at Work, Undergraduate Academic Studies	
13.	Z207		stvo u inžer na englesko	ijerstvu zaštite životne sre om)	dine(uneti	Studies	ronmental Engineering, Undergraduate Academic	
14.	Z416	EMS s	istemi(unet	i naziv na engleskom)		(Z20) Envir Studies	ronmental Engineering, Undergraduate Academic	
15.	ZC036	Measurement and control of pollution				(ZC0) Clea	an Energy Technologies, Undergraduate Studies	
16.	P1409	Materi	al Control S	Systems and CAI		(PM0) Pro	duction Engineering, Master Academic Studies	
17.	P1501	Ecolog	gical Techno	ologies and Systems		Academic		
						, ,	duction Engineering, Master Academic Studies	
18.	P3501		esigning fo			(PM0) Pro	duction Engineering, Master Academic Studies	
19.	Z416A			ection System Manageme	ent	, ,	duction Engineering, Master Academic Studies	
20.	PIP16			onmental protection	Diestiss		duction Engineering, Master Academic Studies	
21.	PLIS1	PLIS1 Logistics and Simulation in Technologies of Plastics Processing			Plastics	(PM0)Pro	duction Engineering, Master Academic Studies	



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

Study Programme Accreditation



Vukelić Đ., Zuperl U., Hodolič J.: Complex system for fixture selection, modification, and design, International Journal of Advanced Manufacturing Technology, 2009, Vol. 45, No 7-8, pp. 731-748, ISSN 0268-3768

Budak I., Hodolič J., Soković M.: Development of a programme system for data-point pre-processing in Reverse Engineering, Journal of Materials Processing Technology, 2005, Vol. 162, pp. 730-735, ISSN 0924-0136

Agarski B., Budak I., Kosec B., Hodolič J.: An Approach to Multi-criteria Environmental Evaluation with Multiple Weight Assignment, Environmental Modeling & Assessment, 2012, Vol. 17, No 3, pp. 255-266, ISSN 1420-2026.

9. Trifković B., Budak I., Todorović A., Hodolič J., Puškar T., Jevremović D., Vukelić Đ.: Application of Replica Technique and SEM in Accuracy Measurement of Ceramic Crowns, Measurement Science Review, 2012, Vol. 12, No 3, pp. 90-97, ISSN 1335-8871.

Agarski B., Kljajin M., Budak I., Tadić B., Vukelić Đ., Bosak M., Hodolič J.: Application of multi-criteria assessment in evaluation of motor vehicles' environmental performances, Tehnički vjesnik/Technical Gazette, 2012, Vol. 19, No 2, pp. 221-226, ISSN 1330-3651.

Summary data for teacher's scientific or art and professional activity.						
Quotation total : 42						
Total of SCI(SSCI) list papers :	22					
Current projects :	Domestic :	3	International :	6		

6

7

8



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



Study Programme Accreditation

UNDERGRADUATE ACADEMIC STUDIES

Production Engineering

Name and last name: Ivanović V. I					lvanović V. D	ragan		
	emic title:	anc.			Assistant Professor			
				acher works full time and	Faculty of Technical Sciences - Novi Sad			
	ng date:				01.04.2007			
Scier	ntific or art f	ield:	_		Applied Comp	outer Sciend	ce and Informatics	
Acad	emic cariee	er	Year	Institution			Field	
Acad	emic title el	ection:	2010	Faculty of Technical Sci	ences - Novi Sa	ad	Applied Computer Science and Informatics	
PhD	thesis		2010	Faculty of Technical Sci	ences - Novi Sa	ad	Applied Computer Science and Informatics	
Bach	elor's thesis	S	2006	Faculty of Technical Sci	ences - Novi Sa	ad	Informatics	
Magi	ster thesis		-				Applied Computer Science and Informatics	
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.	E2E40	XML a	Ind WEB Se	Prvices			asurement and Control Engineering, uate Academic Studies	
	LLTO						tware Engineering and Information Technologies, luate Academic Studies	
						(SEL) Software Engineering and Information Technologies Loznica, Undergraduate Academic Studies		
2.	GG11	Funda	mentals in	Computing		(G00) Civil Engineering, Undergraduate Academic Studies		
3.	ISIT20	Object	-oriented P	rogramming Platforms		(SII) Software and Information Technologies (Inđija), Undergraduate Professional Studies		
4.	ISIT32	Techn docum	ologies and ients mana	l platforms for digital conte gement	ents and	(SII) Software and Information Technologies (Inđija), Undergraduate Professional Studies		
5.	ISIT41	eGove	ernment tec	hnologies and systems		(SII) Software and Information Technologies (Inđija), Undergraduate Professional Studies		
6.	ISIT47	E-lear	ning tools a	nd technologies		(SII) Software and Information Technologies (Inđija), Undergraduate Professional Studies		
						(F00) Gra Academic	phic Engineering and Design, Undergraduate Studies	
							asurement and Control Engineering, luate Academic Studies	
7.	SE0001	Introdu	uction to Pro	ogramming		(P00) Pro Studies	duction Engineering, Undergraduate Academic	
							tware Engineering and Information Technologies, luate Academic Studies	
							tware Engineering and Information Technologies - Indergraduate Academic Studies	
0	SES103	Oral	nd written -	ommunication skills			tware Engineering and Information Technologies, luate Academic Studies	
8.	323103	Oral and written communication skills					tware Engineering and Information Technologies - Indergraduate Academic Studies	
9.	SE6204	ITLOU					tware Engineering and Information Technologies, luate Academic Studies	
9.	SES301	IT Law					tware Engineering and Information Technologies - Indergraduate Academic Studies	
10.	E2507	Digital	Archivos			(E20) Con Academic	nputing and Control Engineering, Master Studies	
10.	E2007	Digital	Archives			(SE0) Sof Master Aca	tware Engineering and Information Technologies, ademic Studies	



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

Study Programme Accreditation

UNDERGRADUATE ACADEMIC STUDIES



Sp.	LANTER	UNDERGRADUATE ACADEMIC S	Pro	oduction Engineering	Ho	
List c	of courses b	eing held by the teacher in the accred	S			
	ID	Course name		Study programme r	name, study type	
				(E20) Computing ar Academic Studies	nd Control Engineering,	Master
44	50504	Dusinger Dresses Management		(MR0) Measurement and Control Engineering, Master Academic Studies		
11.	E2521	Business Process Management		(SE0) Software Eng Master Academic St	gineering and Informatior tudies	n Technologies,
				(E10) Power, Electro Engineering, Master	onic and Telecommunica r Academic Studies	ition
12.	E2525	Contemporary educational technolog	vice and standards	(E20) Computing an Academic Studies	nd Control Engineering,	Master
12.	E2020	Contemporary educational technolog	jies and standards	(SE0) Software Eng Master Academic St	gineering and Informatior tudies	n Technologies,
13.	SEM013	E-government technologies		(SE0) Software Eng Master Academic St	gineering and Informatior tudies	n Technologies,
14.	DRNI02	Selected Topics in Advanced Softwa	are Architecture	(E20) Computing an Academic Studies	nd Control Engineering,	Doctoral
15.	DRNI06	Selected Topics in Digital Archives		(E20) Computing an Academic Studies	nd Control Engineering,	Doctoral
16.	DRNI13	Selected Topics in Scientific-researc managament	h Activity	(E20) Computing and Control Engineering, Doctoral Academic Studies		
Rep	oresentative	refferences (minimum 5, not more th	an 10)			
1.		D., Surla, D. & Racković, M. (2010), " research results", Scientometrics, DO				ession of
2.		L., Ivanovic, D., Surla, D. (2012), "A c , Online Information Review, Vol. 36,		nd dissertations com	patible with CERIF, Dub	in Core and
3.		D., Milosavljević, G., Milosavljević, B. C 21 format", Program: Electronic liba 51				
4.		D., Surla, D. & Konjović, Z. (2010), "C 108/02640471111111433, Vol. 29, N		model based on MA	ARC 21 format", The Elec	tronic Library,
5.		ević, G., Ivanović, D., Surla, D. & Milos t Research Management System", Th				or a CERIF-
6.	publicatio	c, A., Ivanovic, D., Milosavljevic, B., K ns for CRIS systems", Program: elect 00330331111182094				
7.		L., Ivanović, D., Surla, D. (2012), Inte y at the University of Novi Sad, Repu				
8.		D., Surla D., Racković M.: Journal eva and Information Systems (ComSIS), 2				, Computer
9.	Informaci	oni sistem naučno-istraživačke delatn	osti			
10.	Ivanović	D.: Sistemi za skladištenje naučnih sa	adržaja, Zadužbina Ar	drejević, 2011, ISBN	978-86-7244-916-7	
Sur	nmary data	for teacher's scientific or art and profe	essional activity:			
	ation total :		72			
	,	CI) list papers :	8		t t' 1	
Curre	ent projects	-	Domestic :	2 Int	ternational :	1



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



Study Programme Accreditation

UNDERGRADUATE ACADEMIC STUDIES

Production Engineering

Name and last name: Jović						Jović Đ. Miomira		
Academic title:					Foreign Language Lecturer			
Name of the institution where the teacher works full time and								
starti	ng date:				01.09.2001			
Scier	ntific or art f	ield:	i	ŕ	German		1	
Acad	emic cariee	er	Year	Institution			Field	
Acad	emic title el	ection:	2005				German	
Bach	elor's thesis	5	1973				German	
List c	of courses b	eing he	Id by the te	acher in the accredited stu	udy programme	S		
	ID	Course	e name			Study pro	ogramme name, study type	
1.	F331	Germa	an Languag	e – LSP Course 2		(F00) Gra Academic	phic Engineering and Design, Undergraduate Studies	
						(A00) Arcl	hitecture, Undergraduate Academic Studies	
							enic Architecture, Technique and Design, luate Academic Studies	
						(F00) Gra Academic	phic Engineering and Design, Undergraduate Studies	
2.	NJ01Z	Germa	an Lanquaq	e – Elementary		(Z01) Safe	ety at Work, Undergraduate Academic Studies	
						(ZC0) Clean Energy Technologies, Undergraduate Academic Studies		
							aster Risk Management and Fire Safety, luate Academic Studies	
						(Z20) Environmental Engineering, Undergraduate Academic Studies		
						(F00) Graphic Engineering and Design, Undergraduate Academic Studies		
						(G00) Civil Engineering, Undergraduate Academic Studies		
						(M20) Mechanization and Construction Engineering, Undergraduate Academic Studies		
						(M30) Energy and Process Engineering, Undergraduate Academic Studies		
							chnical Mechanics and Technical Design, luate Academic Studies	
2	NUODI	0		- Dec lateración		(P00) Pro Studies	duction Engineering, Undergraduate Academic	
3.	NJ02L	Germa	an Languag	e – Pre-Intermediate		(S00) Trat Academic	ffic and Transport Engineering, Undergraduate Studies	
							tal Traffic and Telecommunications, luate Academic Studies	
						(Z01) Safe	ety at Work, Undergraduate Academic Studies	
						(ZC0) Cle Academic	an Energy Technologies, Undergraduate Studies	
						aster Risk Management and Fire Safety, luate Academic Studies		
						(Z20) Environmental Engineering, Undergraduate Academi Studies		
4.	NJ05	Germa	an Languag	e for GRID 1		(F00) Graphic Engineering and Design, Undergraduate Academic Studies		
5.	NJ06	Germa	an Languag	e for GRID 2		(F00) Gra Academic	phic Engineering and Design, Undergraduate Studies	



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

Study Programme Accreditation

UNDERGRADUATE ACADEMIC STUDIES



Production Engineering

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

LISU										
	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	na engleskom)	(Z20) Environmental Engineering, Undergraduate Academic Studies						
9.	NJ02L	Nemački jezik - niži srednji(uneti na	ziv na engleskom)	(Z20) Environmental Engineering, Undergraduate Academic Studies						
10.	F508	German Language for GRID 3		(F00) Graphic Engineering and Design, Master Academic Studies						
11.	nja	German Language in Architecture		(AH0) Architecture, Master Academic Studies						
Rep	oresentative	e refferences (minimum 5, not more th	nan 10)							
Sur	nmary data	for teacher's scientific or art and prof								
Quotation total :										
Tota	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

Production Engineering

					Juhas T Ana	mariia		
Name and last name: Academic title:			Juhas T. Anamarija Assistant Professor					
			Faculty of Technical Sciences - Novi Sad					
starting date:			01.11.1990					
Scier	ntific or art f	ield:			Theoretical Electrotechnics			
Acad	lemic cariee	er	Year	Institution			Field	
Acad	lemic title el	lection:	2010	Faculty of Technical Sci	ences - Novi Sa	ad	Theoretical Electrotechnics	
PhD	thesis		2009	Faculty of Technical Scient	ences - Novi Sa	ad	Electrical and Computer Engineering	
Magi	ster thesis		1994	School of Electrical Engi	neering - Beog	rad	Electrical and Computer Engineering	
Bach	elor's thesis	S	1990	Faculty of Technical Science	ences - Novi Sa	ad	Electrical and Computer 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	
1.	EE300	Electro	omagnetics			Èngineerin	er, Electronic and Telecommunication ng, Undergraduate Academic Studies	
2.	EOS01	Funda	mental elec	ctrical engineering		Energy, Ur	ver Engineering - Renewble Sources of Electrical ndergraduate Professional Studies	
3.	1087	Electri	cal Enginee	ering in Industrial Engineer	ring	Studies	desy and Geomatics, Undergraduate Academic	
						Undergrad	chanization and Construction Engineering, luate Academic Studies	
						Academic		
4.	M112	Electri	cal Enginee	ering and Electric Machine	s	(M40) Technical Mechanics and Technical Design, Undergraduate Academic Studies		
			g		-	(P00)Proo Studies	duction Engineering, Undergraduate Academic	
						(S00) Traffic and Transport Engineering, Undergraduate Academic Studies		
							tal Traffic and Telecommunications, luate Academic Studies	
_	7407					(Z01) Safety at Work, Undergraduate Academic Studies		
5.	Z107	Electri	cal Enginee	ering, Environment and Pro	otection	(Z20) Environmental Engineering, Undergraduate Academic Studies		
6.	ll1007	Funda	mental elec	ctrical engineering		(110) Indus Studies	strial Engineering, Undergraduate Academic	
0.						(ZC0) Clea Academic	an Energy Technologies, Undergraduate Studies	
7.	URZP12	Introdu	uction to ele	ectrical engineering			aster Risk Management and Fire Safety, luate Academic Studies	
8.	DE208S	Select	ed Chapter	s on Electromagnetic Corr	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		Èngineerin	er, Electronic and Telecommunication ng, Master Academic Studies	
11.	H799	Fieldb	uses and p	rotocols		、	chatronics, Master Academic Studies	
12.	DE208	Select	ed Chapter	s on Electromagnetic Corr	npatibility	Èngineerin	ver, Electronic and Telecommunication Ig, Doctoral Academic Studies	
13.	DE408	Select	ed Chapter	s in Electromagnetics			ver, Electronic and Telecommunication Ig, Doctoral Academic Studies	
Rep	oresentative	e reffere	nces (minin	num 5, not more than 10)				
1.							nplifier based upon a finite number of harmonics"," 3-1625, June 2009. ISSN 0018-9480.	
2.				stić, "Signals with Flattene tions on Broadcasting, vol			ver Analysis of HFHPTA: Theory and I. ISSN 0018-9316	
3.	3. S. Kostić, L. A. Novak, A. Juhas, "Increasing Efficiency and Output Power of HFHPTA by Injection of Two Harmonics", IEEE Transactions on Broadcasting, vol. 47, no. 1, pp.32-37, 2001. ISSN 0018-9316							

SITAS STUD UNIVERSITY OF NOVI SAD FACULTY OF TECHNICAL SCIENCES 21000 NOVI SAD, TRG DOSITEJA OBRADOVIĆA 6 Study Programme Accreditation UNDERGRADUATE ACADEMIC STUDIES **Production Engineering** Representative refferences (minimum 5, not more than 10) D. Herceg, A. Juhas, M. Milutinov,." A design of a four square coil system for a biomagnetic experiment," Facta universitatis -4 series: Electronics and Energetics, 2009, Vol. 22, No 3, pp. 285-292. ISSN 0353-3670 L. A. Novak, A. Juhas, "O broju maksimuma u dvočlanim složenoperiodičnim funkcijama: krive katastrofa", Elektrotehnika, br. 1-2, 5 pp. E7-E10, 1994. A. Juhas, M. Milutinov, M. Prša, "Magnetic field of multi-line power system", Scientific bulletin of the "Politehnica" University of 6 Timisoara, Proceedings of the 7th Int. Power Systems Conf., Timisoara, Romania, 22-23 Nov. 2007, Tom 52, pp. 319-328. ISSN 1582-7194 M. Milutinov, A. Juhas, M. Prša, "Electric and magnetic field in vicinity of overhead multi-line power system", Acta Electrotehnica, 7 Proceedings of the 2nd Int.I Conf. on Modern Power Systems MPS 2008, Cluj-Napoca, Romania, 12-14 Nov.r 2008, pp. 313-316. ISSN 1841-3323 A. Juhas, M. Milutinov, N. Pekarić-Nađ, "Iskustva u primeni nacionalnih pravilnika o nejonizujućim zračenjima", Telekomunikacije, 8 No 7, pp. 70-77, 2011. ISSN 1820-7782 A. Juhas, M. Milutinov, D. Herceg, M. Prša, N. Pekarić-Nađ, "Uređaj za generisanje homogenog magnetskog polja kontrolisanog 9 intenziteta za potrebe biomagnetskih ekspreimenata", Tehničko rešenje, decembar 2010. A. Juhas, N. Pekarić-Nađ, D. Herceg, "Estimation of Human Exposure to Combined RF EM Field of Multiple Antennas," 10 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 Summary data for teacher's scientific or art and professional activity: Quotation total : 5 Total of SCI(SSCI) list papers : 3 Domestic : 0 Current projects : 1 International :



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



Study Programme Accreditation

UNDERGRADUATE ACADEMIC STUDIES

Production Engineering

	e and last n			I	Kakaš I. Dam	ir			
	Academic title:					Full Professor			
Name of the institution where the teacher works full time and			vhere the te	acher works full time and	Faculty of Technical Sciences - Novi Sad				
starting date:			01.09.1971						
Scientific or art field:					Surface Engi	neering, Mic	ro and Nano Technologies		
Acad	lemic cariee	er	Year	Institution			Field		
Acad	lemic title el	ection:	1994	Faculty of Technical Scie	ences - Novi S	ad	Surface Engineering, Micro and Nano Technologies		
PhD	thesis		1982	Faculty of Technical Scie	ences - Novi S	ad	Casting and Thermal Processing Technology and Surface Engineering, Micro and Nano		
Magi	ster thesis		1976	Faculty of Technical Scie	ences - Novi S	ad	Casting and Thermal Processing Technology and Surface Engineering, Micro and Nano		
Bach	elor's thesis	S	1971	Faculty of Technical Scie	ences - Novi S	ad	Mechanical Engineering		
List c	of courses b	eing hel	ld by the te	acher in the accredited stu	udy programme	s			
	ID	Course	e name			Study pro	ogramme name, study type		
1.	P105	Heat P	Processing			(P00) Pro Studies	duction Engineering, Undergraduate Academic		
2.	P110	Castin	g Technolo	ду		(P00) Pro Studies	duction Engineering, Undergraduate Academic		
3.	P210	Surfac	e Engineer	ing		(P00) Pro Studies	duction Engineering, Undergraduate Academic		
4.	P211	Device Engine		ma Procedures in Mechar	nical	Studies	00) Production Engineering, Undergraduate Academic		
5.	P2402	P2402 Designing of Thermal Processing Technologies			gies	(P00)Pro Studies	(P00) Production Engineering, Undergraduate Academic Studies		
6.	P2403	2403 Contemporary Casting Technologies				(P00)Pro Studies	duction Engineering, Undergraduate Academic		
7.	P3405	Thermal Processing of Contemporary Tools			3	(P00)Pro Studies	duction Engineering, Undergraduate Academic		
8.	M2061	Basics	of Manufa	cturing Technologies 1		(M20) Mechanization and Construction Engineering, Undergraduate Academic Studies			
						(M40) Technical Mechanics and Technical Design, Undergraduate Academic Studies			
9.	P2503	Proces	ss Design ir	n Casting Technology		(PM0) Production Engineering, Master Academic Studies			
10.	P2507	Nanote	echnologies	3		(M40) Technical Mechanics and Technical Design, Master Academic Studies			
						(PM0) Production Engineering, Master Academic Studies			
11.	PP2I11			eering in Medicine and Bi					
12.	SMI002		ing and sim urgical proc	ulation of thermo chemica esses	li and	(PM0) Prc	oduction Engineering, Master Academic Studies		
13.	DP001	Desigr Engine	n and Rese eering	arch Methods in Productio		(M00) Me	chanical Engineering, Doctoral Academic Studies		
14.	DP004	Advan	ced Techno	ologies in Casting and Hea	at Treatment	(M00) Me	chanical Engineering, Doctoral Academic Studies		
15.	DP007	Proced	dures of Pla	isma Depozition		, ,	chanical Engineering, Doctoral Academic Studies		
16.	DP011			and Nanomaterials Form	ling		chanical Engineering, Doctoral Academic Studies		
17.	DP014	Nano a	and Micro L	ayers Characterization		(M00) Me	chanical Engineering, Doctoral Academic Studies		
Rep	presentative	reffere	nces (minin	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 (5, ISSN 0040-6090	of duplex coati	ng improved	d by ion implantation ,Thin Solid Films,, 2004,		
3.				T.: Influence of plasma ni hin Solid Films,, 1998, Vo			Tribological Properties Of Steel with subsequent 9, ISSN 0040-6090		
4.				zibrada LJ., Kunosić A., M blogy, 1994, Vol. 64, No 3,		ence of plas	ma nitriding on wear performance of TiN coating ,		
5.				., Rakita M.: Microstructur 40-44, ISSN 0039-6028	ral studies of T	iN coatings	prepared by PVD and IBAD , Surface Science,		

4	AS STUD		UNIVERSITY OF NOVI SAD						
AN AN	(IN COR	FACULTY OF TECHNICAL SC	IENCES 21000 NOVI	SAD, TRG D	OOSITEJA OBRADOVIĆA 6	STATE AND			
D. 2		Study F	Programme A	Accredit	ation	CAL			
.Ob	LANTEN	UNDERGRADUATE ACADEMIC	STUDIES		Production Engineering	HOU			
Rep	presentative re	efferences (minimum 5, not more th	nan 10)						
6.		čakaš D., Rakita M., Bibić N., Peruš rided steels, Vacuun,, 2004, Vol. 76				ted by PVD and			
7.		erek P., Kovačević L., Miletić A., Š TiN coatings deposited at low tem							
8.		čakaš D., Ješić D., Gostimirović M., n, Metalurgija, 2012, Vol. 51, No 1,			blex hard coatings with additiona	al ion			
9.		čakaš D., Miletić A., Arsenović M., C on Implantation, Oxidation Commu				oatings 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 prof	essional activity:						
Quot	ation 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

Production Engineering

Nam	e and last n	ame.			Katić M. Marina			
	Academic title:					Lecturer		
		itution	where the to	acher works full time and				
	ng date:				01.10.2001			
Scier	ntific or art f	ield:			English			
Acad	emic carie	er	Year	Institution	-		Field	
Acad	emic title e	ection:	2010	Faculty of Technical Sci	ences - Novi Sa	ad	English	
Mast	er's thesis		2009	Faculty of Philology - Be			English	
Magi	ster thesis		2006	Faculty of Philology - Be	ograd		Engineering Management	
Bach	elor's thesis	5	1987	Faculty of Philosophy - I	Novi Sad		English	
List c	of courses b	eing he	ld by the tea	acher in the accredited stu	udy programme	S		
	ID	Course	e name			Study pro	gramme name, study type	
1.	AEJ1L	Englis	h Language	e - Elementary		(A00) Arch	nitecture, Undergraduate Academic Studies	
2.	AEJ2L	Englis	h Language	intermediate		(A00) Arch	nitecture, Undergraduate Academic Studies	
3.	AEJ2Z	Englis	h intermedia	ate		(A00) Arch	nitecture, Undergraduate Academic Studies	
4.	AEJ3Z	Englis	h Language	e - upper intermediate		(A00) Arch	A00) Architecture, Undergraduate Academic Studies	
						(G00) Civi	I Engineering, Undergraduate Academic Studies	
		L English Language – Elementary				(M20) Mechanization and Construction Engineering, Undergraduate Academic Studies		
						(M30) Energy and Process Engineering, Undergraduate Academic Studies		
5.	EJ01L					(M40) Technical Mechanics and Technical Design, Undergraduate Academic Studies		
						(P00) Production Engineering, Undergraduate Academic Studies		
						(S00) Traffic and Transport Engineering, Undergraduate Academic Studies		
						(S01) Postal Traffic and Telecommunications, Undergraduate Academic Studies		
							ver, Electronic and Telecommunication g, Undergraduate Academic Studies	
						(F00) Graj Academic	phic Engineering and Design, Undergraduate Studies	
							asurement and Control Engineering, uate Academic Studies	
6.	EJ01Z	Englis	h Language	e - Elementary		(Z01) Safe	ety at Work, Undergraduate Academic Studies	
						(ZC0) Clean Energy Technologies, Undergraduate Academic Studies		
						(ZP0) Disaster Risk Management and Fire Safety, Undergraduate Academic Studies		
						(Z20) Environmental Engineering, Undergraduate Academic Studies		



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

Study Programme Accreditation

UNDERGRADUATE ACADEMIC STUDIES

Production Engineering



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

	ID	eing held by the teacher in the accredited study programme 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
	F 1027	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



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
			(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
00		Fasilish Leasures - FOD Occurre	(M30) Energy and Process Engineering, Undergraduate Academic Studies
23.	EJM	English Language – ESP Course	(M40) Technical Mechanics and Technical Design, Undergraduate Academic Studies
			(P00) Production Engineering, Undergraduate Academic Studies
24.	EJPST	English Language in Postal Traffic	(S01) Postal Traffic and Telecommunications, Undergraduate Academic Studies
25.	EJSIT	English Language in Traffic and Transport	(S00) Traffic and Transport Engineering, Undergraduate Academic Studies

HASTAS STUDIORUM

UNIVERSITY OF NOVI SAD

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



Study Programme Accreditation

UNDERGRADUATE ACADEMIC STUDIES

Production Engineering

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

List o	of courses b	eing held by the teacher in the accredited study programme	es
	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
			(110) Industrial Engineering, Undergraduate Academic Studies
34.	EJIIM	English for Specific Purposes	(I20) Engineering Management, Undergraduate Academic Studies
35.	ETI10	English Language-Lower	(E02) Electronics and Telecommunications, Undergraduate Professional Studies
36.	SSIP21	English Language	(E01) Power Engineering - Renewble Sources of Electrical Energy, Undergraduate Professional Studies
			(E20) Computing and Control Engineering, Undergraduate Academic Studies
			(ES0) Power Software Engineering, Undergraduate Academic Studies
			(F10) Engineering Animation, Undergraduate Academic Studies
37.	EJ1Z	English Language - Elementary	(GI0) Geodesy and Geomatics, Undergraduate Academic Studies
			(SE0) Software Engineering and Information Technologies, Undergraduate Academic Studies
			(SEL) Software Engineering and Information Technologies - Loznica, Undergraduate Academic Studies
			(AH0) Architecture, Master Academic Studies
			(E20) Computing and Control Engineering, Undergraduate Academic Studies
			(ES0) Power Software Engineering, Undergraduate Academic Studies
			(F10) Engineering Animation, Undergraduate Academic Studies
38.	EJ2Z	English Language – Intermediate	(GI0) Geodesy and Geomatics, Undergraduate Academic Studies
			(SE0) Software Engineering and Information Technologies, Undergraduate Academic Studies
			(SEL) Software Engineering and Information Technologies - Loznica, Undergraduate Academic Studies
			(AH0) Architecture, Master Academic Studies
39.	eja	English Language – a Specialized Course	(AH0) Architecture, Master Academic Studies
40.	EJE7	English Language - Advanced	(E10) Power, Electronic and Telecommunication Engineering, Master Academic Studies
41.	F507	English Language for GRID 3	(F00) Graphic Engineering and Design, Master Academic Studies
42.	NIT03	Business English	(NIT) Industrial Engineering - Advanced Engineering Technologies, Master Academic Studies
Rep	oresentative	e refferences (minimum 5, not more than 10)	



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)							
1.	Marina Katić, Kostadin Pušara, "Standardizatic Vol.III, Part 2, 2005, ISSN 1584-2665, Edition I			s of the Faculty of Engineering	ng Hunedoara,			
2.	M.Katić, "O tehnikama prevođenja nekih engle Electronics – Ee 2001, Novi Sad, OctNov.200		e elektronike", 11	th International Symposium	on Power			
3.	M.Katić, "Terminology of E-Commerce", 7th Int Hunedoara (Romania), Sept. 2003, CD-ROM -		on Interdisciplina	ary Regional Research – ISI	RR 2003,			
4.	M.Katić, "Key Terms of Business Environment" 2003, .	, PSU-UNS Int. Confe	rence Energy and	l Environment, Hat Yai (Tha	iland), Dec.			
5.	Marina Katić, Kostadin Pušara, "Need for E-Commerce Term Standardization and Harmonization", Western Business & Management Conference 2004, Las Vegas (USA), Oct.2004, CD ROM.							
6.	Marina Katić, Kostadin Pušara, "Standardizatic Regional Research - ISSIR 2005, Szeged (Hur				iterdisciplinary			
7.	M.Katić, "Deregulacija u elektroprivredi sa aspo savetovanje o elektrodistributivnim mrežama, CD ROM).							
8.	M.Katić, "Engleski jezik u službi međunarodnog Vrnjačka Banja, Nov. 2002, pp.146-151	g menadžmenta", XII n	neđunarodna kon	ferencija Industrijski sistemi	– IS 2002,			
9.	M.Katić, "Anglicizmi u jeziku tehnike", XLVII Ko 244.	nferencija ETRAN, He	erceg Novi, Jun 20	003, CD-ROM i knjiga, Sves	ka 3, pp. 241-			
10.	M.Katić, K.Pušara, "Zašto je potrebna standaro 06. 2005., Zbornik radova, CD-ROM i knjiga, S		onske trgovine", X	LIX Konferencija za ETRAN	, Budva, 0510.			
Su	mmary data for teacher's scientific or art and profe	essional activity:						
Quot	tation total :	0						
Tota	l 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

Production Engineering

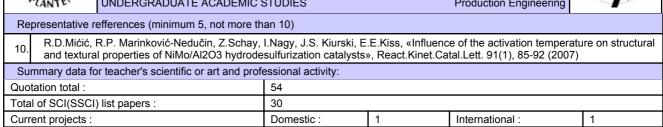
Table Under Name Full Professor Name of the institution where the teacher works full time and Starling date: Full Professor Academic title Craphic Engineering and Design Academic Starling Craphic Engineering and Design Academic Carling Field Academic Carling Field Academic Carling Faculty of Technology - Novi Sad Physical Chemistry Science Eacher V are institution Ragister Thesis 1977 Faculty of Technology - Novi Sad Physical Chemistry Science Bacheors thesis 1974 Faculty of Technology - Novi Sad Chemist Science List of courses being held by the teacher in the accredited study programme name, study type 1. F103 Chemistry in Graphic Engineering (F00) Graphic Engineering and Design, Undergraduate Academic Studies 3. Z102 Technical Chemistry Siddies (220) Environmental Engineering, Undergraduate Academic Studies 6. Z153 Chemistry in Mechanical Engineering (201) Safey at Work, Undergraduate Academic Studies 6. Z153 Chemistry in Mechanical Engineering (201) Safey at Work, Un	Nam	Name and last name: Kiurski S. Jelena							
Name of the institution where the teacher works full time and facing dite: Faculty of Technical Sciences - Novi Sad Contrilic or at field: Graphic Engineering and Design Academic tile decimol: Institution Bachelor's thesis 1974 Eacity of Technology - Noxi Sad Chemistry Science Bachelor's thesis 10 Course name Study programme name, study type 1. F103 Chemistry in Graphic Engineering (F00) Graphic Engineering, Undergraduate Academic Studies 3. Z102 Technical Chemistry (Z20) Environmental Engineering, Undergraduate Academic Studies 4. Z109 Chemical Principles in Environmental Engineering (Z00) Encimical Academic			ane.						
starting date. 01:12.2001 Scientific or art field: Oraphic Engineering and Design Academic calleer Year Academic calleer Year PDD thesis 1991 Faculty of Technology - Noxi Sad Physical Chemistry Science Magister hesis 1981 List of ocurses being held by the teacher in the accredited study programmes List of ocurses being held by the teacher in the accredited study programmes List of courses being held by the teacher in the accredited study programmes List of courses being held by the teacher in the accredited study programmes List of courses being held by the teacher in the accredited study programmes List of courses being held by the teacher in the accredited study programmes List of courses being held by the teacher in the accredited study programmes List of courses being held by the teacher in the accredited study programmes List of courses being held by the teacher in the accredited study programmes List of courses held by the teacher in the accredited study programmes List of courses held by the teacher in the accredited study programmes List of courses held by the teacher in the accredited study programmes List of course held by the teacher in the accredited study <			titution v	where the to	acher works full time and				
Scientific or art field: Graphic Engineering and Design Academic title election: 2011 Flautity of Technical Sciences - Novi Sad Flautity of Technical Sciences - Novi Sad Physical Chemistry Science Magister thesis 1997 Facuty of Technical Sciences - Novi Sad Physical Chemistry Science Bachelor's thesis 1997 Facuty of Technical Sciences - Novi Sad Physical Chemistry Science Bachelor's thesis 1974 Facuty of Technicagy - Novi Sad Chemist Science ID Course name Study programmes Itele Courses being held by the teacher in the accredited study programmes ID Course name Study programme name, study bye 1. F100 Chemistry in Graphic Engineering (F00) Graphic Engineering and Design, Undergraduate Academic Studies 2. F302 Chemistry (Z20) Environmental Engineering. Undergraduate Academic Studies 3. Z102 Technical Principtes in Environmental Engineering (M20) Mechnization and Construction Engineering, Undergraduate Academic Studies 5. Z151 Chemistry in Mechanical Engineering (Z20) Environmental Engineering, Undergraduate Academic Studies 7. Z155 Chemistry in Mechani	-								
Academic carieer Year Institution Field Academic title election: 2011 Faculty of Technical Sciences - Novi Sad Graphic Engineering and Design PhD thesis 1997 Faculty of Technology - Novi Sad Physical Chemistry Science Bachelor's thesis 1974 Faculty of Technology - Novi Sad Physical Chemistry Science Bachelor's thesis 1974 Faculty of Technology - Novi Sad Chemist Science List of ocurses being held by the teacher in the accredited study programmes Study programme name, study type 1. F103 Chemistry in Graphic Engineering (F00) Graphic Engineering and Design, Undergraduate Academic Studies 3. Z102 Technical Chemistry (Z20) Environmental Engineering, Undergraduate Academic Studies 4. Z109 Chemical Principles in Environmental Engineering (Z20) Environmental Engineering, Undergraduate Academic Studies 5. Z151 Chemistry in Mechanical Engineering (Z00) Fendical Science Studies 6 Z155 Chemistry in Mechanical Engineering (Z01) Safety at Work, Undergraduate Academic Studies 7. T55 Chemistry in Mechanical Engineering (Z01) Safety at Work, Undergr		-	ield:						
PhD thesis 1997 Faculty of Technology - Novi Sad Physical Chemistry Science Magister Thesis 1981 Faculty of Technology - Novi Sad Physical Chemistry Science Bachelor's thesis 1974 Faculty of Technology - Novi Sad Chemist Science List of courses being held by the teacher in the accredited study programmes Chemist Science Etail 1 F103 Chemistry in Graphic Engineering (F00) Graphic Engineering and Design, Undergraduate 2 F302 Chemigraphy (F00) Graphic Engineering and Design, Undergraduate Academic Studies 3 Z102 Technical Chemistry (Z20) Environmental Engineering, Undergraduate Academic Studies 4 Z109 Chemistry in Mechanical Engineering (M0) Mechanization and Construction Engineering, Undergraduate Academic Studies 5 Z151 Chemistry in Mechanical Engineering (Z20) Environmental Engineering, Undergraduate Academic Studies 6 Z153 Chemistry in Engineering (Z20) Stafey at Work, Undergraduate Academic Studies 7 Z155 Chemistry in Engineering (Z20) Stafey at Work, Undergraduate Academic Studies 6 Z153 Chemistry in Engineering (Acad	lemic carie	er	Year	Institution				
PhD thesis 1997 Faculty of Technology - Novi Sad Physical Chemistry Science Magister Thesis 1981 Faculty of Technology - Novi Sad Physical Chemistry Science Bachelor's thesis 1974 Faculty of Technology - Novi Sad Chemist Science List of courses being held by the teacher in the accredited study programmes Chemist Science Etail 1 F103 Chemistry in Graphic Engineering (F00) Graphic Engineering and Design, Undergraduate 2 F302 Chemigraphy (F00) Graphic Engineering and Design, Undergraduate Academic Studies 3 Z102 Technical Chemistry (Z20) Environmental Engineering, Undergraduate Academic Studies 4 Z109 Chemistry in Mechanical Engineering (M0) Mechanization and Construction Engineering, Undergraduate Academic Studies 5 Z151 Chemistry in Mechanical Engineering (Z20) Environmental Engineering, Undergraduate Academic Studies 6 Z153 Chemistry in Engineering (Z20) Stafey at Work, Undergraduate Academic Studies 7 Z155 Chemistry in Engineering (Z20) Stafey at Work, Undergraduate Academic Studies 6 Z153 Chemistry in Engineering (Acad	lemic title e	lection:	2011	Faculty of Technical Sci	ences - Novi Sa	ad	Graphic Engineering and Design	
Magister thesis 1981 Faculty of Technology - Novi Sad Physical Chemistry Science Bachelor's thesis 1974 Faculty of Technology - Novi Sad Chemistry Science List of courses being held by the teacher in the accredited study programmes Course name Study programme name, study type 1. F103 Chemistry in Graphic Engineering (F00) Graphic Engineering and Design, Undergraduate Academic Studies 2. F302 Chemigraphy (Z20) Environmental Engineering, Undergraduate Academic Studies 3. Z102 Technical Principles in Environmental Engineering (Z20) Environmental Engineering, Undergraduate Academic Studies 4. Z109 Chemistry in Mechanical Engineering (M20) Mechanization and Construction Engineering, Undergraduate Academic Studies 5. Z151 Chemistry in Mechanical Engineering (Z01) Energravante Academic Studies 6. Z135 Chemistry in Engineering (Z01) Statty at Work, Undergraduate Academic Studies 7. Z156 Chemistry in Engineering (Z01) Statty at Work, Undergraduate Academic Studies 8. Z000 Chemistry in Engineering (Z01) Statty at Work, Undergraduate Academic Studies 9. F400 <td>PhD</td> <td>thesis</td> <td></td> <td>1997</td> <td>,</td> <td></td> <td></td> <td></td>	PhD	thesis		1997	,				
List of courses being held by the teacher in the accredited study programmes ID Course name Study programme name, study type 1. F103 Chemistry in Graphic Engineering (F00) Graphic Engineering and Design, Undergraduate Academic Studies 2. F302 Chemistry in Graphic Engineering (F00) Graphic Engineering and Design, Undergraduate Academic Studies 3. Z102 Technical Chemistry (Z20) Environmental Engineering, Undergraduate Academic Studies 4. Z109 Chemical Principles in Environmental Engineering (Z20) Environmental Engineering, Undergraduate Academic Studies 5. Z151 Chemistry in Mechanical Engineering (M20) Mechanization and Construction Engineering, Undergraduate Academic Studies 6. Z153 Chemistry in Mechanical Engineering (Z01) Safety at Work, Undergraduate Academic Studies 7. Z155 Chemistry in Engineering (Z01) Safety at Work, Undergraduate Academic Studies 8. Z800 Chemical Phenomena in Engineering (Z01) Safety at Work, Undergraduate Academic Studies 9. F400 Graphic Environment (F00) Graphic Engineering and Design, Master Academic Studies 10. FDS12 Selected Chapters in Chemistry	Magi	ster thesis		1981	, ,,			Physical Chemistry Science	
List of courses being held by the teacher in the accredited study programmes ID Course name Study programme name, study type 1. F103 Chemistry in Graphic Engineering (F00) Graphic Engineering and Design, Undergraduate Academic Studies 2. F302 Chemistry in Graphic Engineering (F00) Graphic Engineering and Design, Undergraduate Academic Studies 3. Z102 Technical Chemistry (Z20) Environmental Engineering, Undergraduate Academic Studies 4. Z108 Chemical Principles in Environmental Engineering (Z20) Environmental Engineering, Undergraduate Academic Studies 5. Z151 Chemistry in Mechanical Engineering (M20) Mechanization and Construction Engineering, Undergraduate Academic Studies 6. Z153 Chemistry in Mechanical Engineering (Z01) Safety at Work, Undergraduate Academic Studies 7. Z155 Chemistry in Engineering (Z01) Safety at Work, Undergraduate Academic Studies 8. Z600 Chemical Phenomena in Engineering (Z01) Safety at Work, Undergraduate Academic Studies 9. F400 Graphic Environment (F00) Graphic Engineering and Design, Master Academic Studies 10. FDS12 Selected Chapters in Chemistry	Bach	elor's thesis	S	1974	Faculty of Technology -	Novi Sad		Chemist Science	
ID Course name Study programme name, study type 1. F103 Chemistry in Graphic Engineering (F00) Graphic Engineering and Design, Undergraduate Academic Studies 2. F302 Chemigraphy (F00) Graphic Engineering and Design, Undergraduate Academic Studies 3. Z102 Technical Chemistry (Z20) Environmental Engineering. Undergraduate Academic Studies 4. Z100 Chemical Principles in Environmental Engineering (Z20) Environmental Engineering. Undergraduate Academic Studies 5. Z151 Chemistry in Mechanical Engineering (M20) Mechanization and Construction Engineering. Undergraduate Academic Studies 6. Z155 Chemistry in Engineering (Z00) Production Engineering, Undergraduate Academic Studies 7. Z156 Chemistry in Engineering (Z01) Safety at Work, Undergraduate Academic Studies 8. Z000 Chemical Phinciples in Engineering (Z01) Safety at Work, Undergraduate Academic Studies 10. FD512 Selected Chapters in Chemistry (F00) Graphic Engineering and Design, Master Academic Studies 10. FD512 Selected Chapters in Intermistry (F00) Graphic Engineering and Design, Doctoral Academic Studies 11.							S		
1 Pros Chemistry in Orlaphic Engineering Academic Studies 2 F302 Chemigraphy (Z00) Environmental Engineering, undergraduate Academic Studies 3 Z102 Technical Chemistry (Z20) Environmental Engineering, Undergraduate Academic Studies 4 Z109 Chemical Principles in Environmental Engineering (Z20) Environmental Engineering, Undergraduate Academic Studies 4 Z109 Chemical Principles in Environmental Engineering (M20) Mechanization and Construction Engineering, Undergraduate Academic Studies 5 Z151 Chemistry in Mechanical Engineering (M30) Energraduate Academic Studies 6 Z153 Chemistry in Engineering (Z01) Safety at Work, Undergraduate Academic Studies 7 Z155 Chemical Phinciples in Engineering (Z01) Safety at Work, Undergraduate Academic Studies 8 Z600 Chemical Phinciples in Engineering (Z01) Safety at Work, Undergraduate Academic Studies 9 F409 Graphic Environment Studies (F00) Graphic Engineering and Design, Master Academic Studies 10 FD512 Selected Chapters in Chemistry (F00) Graphic Engineering and Design, Master Academic Studies 2 J.Janjić, J.Kurski, Nonffame Atomic Fluorescence as a Method for Mercury Traces Determi		ID	Course	e name			Study pro	gramme name, study type	
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 7. D.Ž.Obadović, J.Kiurski, R.Marinković-Nedučin, Electronic States of Ni(II) in Spinel-Type Structure", Polyhedron, 15(20), 3631-3634 (1996) 8. J.S.Kiurski, D.Ž.Obadović, R.M.Marinković-Nedučin, "Energies of electronic states of promoter ions in hydrodesulfurization catalysts", React.Kinet.Catal.Lett., Vol.82, No.1, 41-47 (2004) 9. J.S.Kiurski, D.Ž.Obadović, EE Kiš, RP Marinković-Nedučin, "Electronic states of Mn(II) in the kaolinite nanostructure", 	6.								
 B. J.S.Kiurski, D.Ž.Obadović, R.M.Marinković-Nedučin, "Energies of electronic states of promoter ions in hydrodesulfurization catalysts", React.Kinet.Catal.Lett., Vol.82, No.1, 41-47 (2004) J.S.Kiurski, D.Ž.Obadović, E.E.Kiš, RP Marinković-Nedučin, "Electronic states of Mn(II) in the kaolinite nanostructure", 	7.	D.Ž.Obao	dović, J.				Ni(II) in Spir	nel-Type Structure", Polyhedron, 15(20), 3631-	
JS Kiurski, DŽ Obadović, EE Kiš, RP Marinković-Nedučin, "Electronic states of Mn(II) in the kaolinite nanostructure",	8.	J.S.Kiurs	ki, D.Ž.C				ctronic state	s of promoter ions in hydrodesulfurization	
	9.	JS Kiursk	ki, DŽ O	badović, EE	E Kiš, RP Marinković-Nedu	()	c states of M	In(II) in the kaolinite nanostructure",	

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

Study Programme Accreditation

UNDERGRADUATE ACADEMIC STUDIES

SITAS STUDIO





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

A REAL PROPERTY OF

Study Programme Accreditation

UNDERGRADUATE ACADEMIC STUDIES

Production Engineering

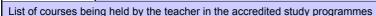
Name and last name:					Kostić Z. Marko				
	emic title:	ane.			Associate Professor				
		titution v	where the te	eacher works full time and					
	ng date:				15.10.1999				
Scier	ntific or art f	ield:			Mathematics				
Acad	emic cariee	er	Year	Institution			Field		
Acad	emic title el	lection:	2010	Faculty of Technical Sci	ences - Novi Sa	ad	Mathematics		
PhD	thesis		2004	Faculty of Sciences - No	ovi Sad		Mathematical Sciences		
Magi	ster thesis		2001	Faculty of Sciences - No	ovi Sad		Mathematical Sciences		
Bach	elor's thesis	s	1999	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	gramme name, study type		
1.	E121	Mathe	matical Ana	alysis 2		Èngineerin	er, Electronic and Telecommunication g, Undergraduate Academic Studies		
2.	E135B	Mathe	matical Ana	alysis 2		Studies	desy and Geomatics, Undergraduate Academic		
						Académic			
3.	E212	Mathematical Analysis 1				Undergrad	tware Engineering and Information Technologies, uate Academic Studies		
						Loznica, U	tware Engineering and Information Technologies - ndergraduate Academic Studies		
4.	EOS07	Mathematics 2				 (E01) Power Engineering - Renewble Sources of Electrical Energy, Undergraduate Professional Studies (F00) Graphic Engineering and Design, Undergraduate 			
5.	F101	Mathematics				Academic	Academic Studies		
6.	GI107	Mathe	matical Ana	alysis 1		Studies	desy and Geomatics, Undergraduate Academic		
		M106 Mathematics 2				(M20) Mechanization and Construction Engineering, Undergraduate Academic Studies			
7.	M106					Academic			
						(M40) Technical Mechanics and Technical Design, Undergraduate Academic Studies			
						(P00) Production Engineering, Undergraduate Academic Studies			
8.	M4202	Applie	d Mathema	tical Analysis			hnical Mechanics and Technical Design, uate Academic Studies		
9.	ISIT06	Matem	natika 2			Undergrad	/are and Information Technologies (Inđija), uate Professional Studies		
10.	0M501	Functi	onal Analys	sis		Studies	thematics in Engineering, Master Academic		
11.	0ML501	Functi	onal Analys	sis		Studies	thematics in Engineering, Master Academic		
						Èngineerin	ver, Electronic and Telecommunication g, Specialised Academic Studies		
10		Colori	od Charter	a in Mathematics			strial Engineering, Specialised Academic Studies		
12. DZ01MS		Select	eu Unapter	s in Mathematics		(I22) Engineering Management, Specialised Academic Studies			
				(Z00) Environmental Engineering, Specialised Academic Studies					
13.	Z506	20BAc	lvanced Co	urse in Mathematics 1		(ZP1) Disaster Risk Management and Fire Safety, Master Academic Studies			
						, ,	ronmental Engineering, Master Academic Studies		
14.	Z506	Viši ku	irs matemat	tike 1(uneti naziv na engle	eskom)		ronmental Engineering, Master Academic Studies		
15.	D0M01	Functi	onal Analys	sis 1		(OM1) Ma Studies	thematics in Engineering, Doctoral Academic		



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

Study Programme Accreditation

UNDERGRADUATE ACADEMIC STUDIES



List o	of courses b	being held by the teacher in the accred	lited study programme	S			
	ID	Course name		Study program	me name, study type		
16.	D0M19	Functional Analysis 2		(OM1) Mathema Studies	atics in Engineering, Doctora	al Academic	
					ectronic and Telecommunic ctoral Academic Studies	ation	
				(E20) Computin Academic Studie	g and Control Engineering, es	Doctoral	
				(F00) Graphic E Studies	ingineering and Design, Doo	toral Academic	
				(F20) Engineeri	ng Animation, Doctoral Acad	lemic Studies	
				(G00) Civil Engi	neering, Doctoral Academic	Studies	
				(GI0) Geodesy a	and Geomatics, Doctoral Ac	ademic Studies	
47	DZOANA	Onlands d. Obersteine im Methemetien		(H00) Mechatro	nics, Doctoral Academic Stu	idies	
17.	DZ01M	Selected Chapters in Mathematics		(I20) Industrial E Doctoral Acaden	Engineering / Engineering M nic Studies	anagement,	
				(M00) Mechanic	al Engineering, Doctoral Ac	ademic Studies	
				(M40) Technica	Mechanics, Doctoral Acade	emic Studies	
				(OM1) Mathema Studies	atics in Engineering, Doctora	I Academic	
				(S00) Traffic En	gineering, Doctoral Academ	ic Studies	
				(Z00) Environmental Engineering, Doctoral Academ Studies			
				(Z01) Safety at	Work, Doctoral Academic St	udies	
Rep	oresentative	e refferences (minimum 5, not more th	an 10)				
1.	Kostić, M	larko, Distribution cosine functions. Ta	aiwanese J. Math. 10 (2006), no. 3, 739-	775.		
2.	Kostić M	larko,On analytic integrated semigrou	ps. Novi Sad J. Math.	35 (2005), no. 1, ²	127135.		
3.	Kostić M (2003), 7	larko,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	37-152		
5.		, P. J. Miana, Relations between distr f Mathematics 11 (2007), 531543.	ibution cosine functior	ns and almost-dist	ribution cosine functions, Ta	iwanese	
6.		, S. Pilipović, Global convoluted semi	groups, accepted in M	ath. Nachr.			
7.	M. Kostić	s, S. Pilipović: Convoluted C-cosine fu			ultradistribution and hyperfu	nction sines,	
8.							
9.							
10.		: Convoluted operator families and at			aqujevac Journal of Mathen	natics	
		for teacher's scientific or art and profe	3.	,			
	ation total :		32				
		CI) list papers :	15				
	ent projects		Domestic :	1	International :	0	



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



Study Programme Accreditation

UNDERGRADUATE ACADEMIC STUDIES

Production Engineering

Name and last name: Kovač P. Pavel									
	emic title:	anne.				Full Professor			
		itution v	where the te	acher works full time and		culty of Technical Sciences - Novi Sad			
	F S S S S S S S S S S S S S S S S S S S			01.12.1975					
Scier	Scientific or art field: P				Processes for	Material Re	emoval Processing		
Acad	emic cariee	er	Year	Institution			Field		
Acad	emic title el	ection:	1998	Faculty of Technical Sci	ences - Novi S	ad	Processes for Material Removal Processing		
PhD	thesis		1987	Faculty of Technical Sci	ences - Novi S	ad	Processes for Material Removal Processing		
Magi	ster thesis		1980	Faculty of Technical Sci	ences - Novi S	ad	Processes for Material Removal Processing		
Bachelor's thesis 1975 Faculty of Technical Science			ences - Novi S	ad	Machine Tools, Flexible Technological Systems and Automatization Processes Design				
List c	of courses b	eing he	ld by the tea	acher in the accredited stu	udy programme	S			
	ID	Course	e name			Study pro	gramme name, study type		
1.	P1406	Theory	y of Machini	ng Processes		(P00) Proc Studies	duction Engineering, Undergraduate Academic		
2.	P1507	Inovati	ional Techn	ologies		(P00) Proc Studies	duction Engineering, Undergraduate Academic		
3.	P208	Techn	ology for Cu	utting Processing		(P00) Proc Studies	duction Engineering, Undergraduate Academic		
4.	P2617	Planni	ng Methods	and Experiment Process	sing	(P00)Proo Studies	duction Engineering, Undergraduate Academic		
5.	P305	Nonconventional Procedures in Processing				Studies	Production Engineering, Undergraduate Academic		
6.	P4410	Design and Product Functionality				(P00)Proo Studies	duction Engineering, Undergraduate Academic		
7.	ZR320	Experi Workp		lysys of Safety and Health	h on	(Z01) Safe	ety at Work, Undergraduate Academic Studies		
8.	P316A	Techn	ology for Mi	crocutting Processes		(P00)Proc Studies	duction Engineering, Undergraduate Academic		
9.	P1501	Ecolog	gical Techno	blogies and Systems		(M40) Technical Mechanics and Technical Design, Master Academic Studies			
						(PM0) Production Engineering, Master Academic Studies			
10.	P1505		-	nulation in Processing		(PM0) Production Engineering, Master Academic Studies			
11.	P1509	0,		Processing		(PM0) Production Engineering, Master Academic Studies			
12.	P3502			hining technology		(PM0) Production Engineering, Master Academic Studies			
13.	PIP16			onmental protection		(PM0) Production Engineering, Master Academic Studies (PM0) Production Engineering, Master Academic Studies			
14. 15.	PP101 SDOM3	Probal	oility, Statis	Processes	ering	(Z00) Environmental Engineering, Specialised Academic			
16.	0 DOM30	Experi	bility, Statis ment	ics and Theory of Engine	_	Studies (M00) Mechanical Engineering, Doctoral Academic Studies (M40) Technical Mechanics, Doctoral Academic Studies (Z00) Environmental Engineering, Doctoral Academic Studies (Z01) Safety at Work, Doctoral Academic Studies			
17.	DP001	Desigr Engine		arch Methods in Productic	on	(M00) Med	chanical Engineering, Doctoral Academic Studies		
18.	DP002			n Forming by Material Rer		(M00) Med	chanical Engineering, Doctoral Academic Studies		
19.	DP009	Artificia Remov		ce Application in Forming	by Material	(M00) Meo	chanical Engineering, Doctoral Academic Studies		
20.	DP013			ering Aspects		(M00) Med	chanical Engineering, Doctoral Academic Studies		
21.	DP020		and Tenden	cies in Development of U	nconventional	(M00) Med	chanical Engineering, Doctoral Academic Studies		
22.	DP021	Select		s in Micro and Nano Form	ing by	(M00) Mechanical Engineering, Doctoral Academic Studies			
Rep	presentative	reffere	nces (minin	num 5, not more than 10)					
1.	1. Kovač P., Milikić D.:Rezanje metala, Univerzitet u Novom Sadu, 1998								

51	AS STUD		UNIVERSITY OF NO	VI SAD		WHEN HA		
OR		FACULTY OF TECHNICAL SCIENCES 21000 NOVI SAD, TRG DOSITEJA OBRADOVIĆA 6						
D'AL		Study F	Programme A	ccreditatio	on	The second		
.op	LANTEN	UNDERGRADUATE ACADEMIC S	STUDIES		Production Engineering	HO		
Rep	presentative r	efferences (minimum 5, not more th	an 10)					
2.		Milikić D.,Gostimirović M.,Sekulić M i Sad, 2011.	., Savkovic.,B.: Zbirka	zadataka iz tehn	ologije obrade rezanjem ,	Fakultet tehničkih		
3.	Kovač Pave	el, Metode planiranja i obrade ekspe	erimenata, FTN Novi S	ad, 2011				
4.	Kovač P. :	Podloge za upravljanje procesom če	eonog glodanja, FTN,	IPM, Novi Sad, 1	988			
5.	Kovač P.: N	lodeliranje procesa obrade-faktorni	planovi eksperimenta	, Fakultet tehničk	ih nauka, Novi Sad, 2006			
6.	Kovač P.: T	eorija obradnih procesa -praktikum	za vežbe, Fakultet ter	ničkih nauka , No	ovi Sad, 2007			
7.	ANALYSIS	Rodić D., Pucovsky V., Savković B., FOR MODELING SURFACE ROUG UDK: DOI 10.1007/s10845-012-06	GHNESS IN FACE MI					
8.	Šiđanin L., 439-444	Kovač P.: Fracture mechanisms in	chip formation process	ses, Materials Sci	ence and Technology, Vol	. 13, 1997, pp.		
9.	Pavel Kovač, Zuzana Palkova, Proizvodno mašinstvo i obnovljivi izvori energije, FTN Novi Sad 2011							
10.	Kovač P., Šiđanin L.: Investigation of chip formation during milling, Int. J. Production Economic, 51, 1997, pp. 149-153							
Sun	nmary data fo	r teacher's scientific or art and profe	essional activity:					
Quot	ation total :		7					
Total	of SCI(SSCI)	list papers :	15					
Curre	ent projects :		Domestic :	1	International :	7		



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

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UNDERGRADUATE ACADEMIC STUDIES

Production Engineering

Nom	Name and last name: Kovačić N. Ivana							
	e and last n lemic title:	iame:			Kovačić N. Ivana Associate Professor			
		hitution	whore the t	achor works full time and				
Name of the institution where the teacher works full time and starting date:					21.05.1998			
	ntific or art f	ield:			Mechanics			
	lemic carie		Year	Institution		Field		
Academic title election: 2009 Faculty of Technical Scie					ences - Novi S	ad	Mechanics	
	thesis		2002	Faculty of Technical Sci			Mechanics	
Magi	ster thesis		1999	Faculty of Technical Sci			Mechanics	
	elor's thesis	s	1995	Faculty of Technical Sci			Mechanics	
List c	of courses b	eing he	Id by the te	acher in the accredited stu	udy programme	s		
	ID Course name					gramme name, study type		
1.	F107	Techn	ical Mechar	nics		(F00) Graphic Engineering and Design, Undergraduate Academic Studies		
2.	GG14	Mecha	anics 2			, ,	il Engineering, Undergraduate Academic Studies	
							chanization and Construction Engineering, luate Academic Studies	
		NA. 1				(M30) Ene Academic	ergy and Process Engineering, Undergraduate Studies	
3.	M103	Mecha	anics 1				chnical Mechanics and Technical Design, luate Academic Studies	
						(P00) Pro Studies	duction Engineering, Undergraduate Academic	
							chanization and Construction Engineering, luate Academic Studies	
		Mechanics 2				 (M30) Energy and Process Engineering, Undergraduate Academic Studies (M40) Technical Mechanics and Technical Design, Undergraduate Academic Studies 		
4.	M107							
						(P00) Pro Studies	duction Engineering, Undergraduate Academic	
							chanization and Construction Engineering, luate Academic Studies	
_	MOOA	Mechanics 3				 (M30) Energy and Process Engineering, Undergraduate Academic Studies (M40) Technical Mechanics and Technical Design, Undergraduate Academic Studies 		
5.	M201							
						(P00) Production Engineering, Undergraduate Academic Studies		
6.	M44071	Noise,	Vibration a	ind Design			chnical Mechanics and Technical Design, luate Academic Studies	
						(M00) Me	chanical Engineering, Doctoral Academic Studies	
7.	DM401	Selected chapters in Analytical Mechanics			(M40) Teo	(M40) Technical Mechanics, Doctoral Academic Studies		
	2	Selected chapters in Analytical Mechanics				(OM1) Ma Studies	OM1) Mathematics in Engineering, Doctoral Academic	
8.	DM408	Nonlin	erar Oscilla	tions		(M00) Mechanical Engineering, Doctoral Academic Studies		
9.	DZ003	Solart	ad Chanter	s in Mechanics		· /	chanical Mechanics, Doctoral Academic Studies	
				s in Mechanics		, ,	chanical Engineering, Doctoral Academic Studies phic Engineering and Design, Doctoral Academic	
10.	FDS143		•	s in Technical Mechanics		Studies		
			•	num 5, not more than 10)				
1.	Metod po	olja u ne	holonomno	j mehanici i teoriji nelinear	nih oscilacija, I	akultet teh	ničkih nauka, Novi Sad, 2002	
2.	Samopot	oudne o	scilacije u p	rocesu rezanja, Fakultet t	ehničkih nauka	, Novi Sad,	1999	
3.	Zbirka re	šenih za	adataka iz S	Statike I, Edicija, Tehničke	knjige-udžbeni	ci" 127,Fa	kultet tehničkih nauka, Novi Sad, 2006.	
4.	Zbirka re	šenih za	adataka iz S	Statike II, Edicija, Tehničke	knjige-udžben	ici" 128,Fa	akultet tehničkih nauka, Novi Sad, 2006.	

4	TAS STUD		UNIVERSITY OF NOVI SAD						
IVE SAL	NOR C	FACULTY OF TECHNICAL SC	IENCES 21000 NO	VI SAD, TRG [DOSITEJA OBRADOVIĆA 6				
10.26	See Co	Study F	Programme	Accredit	tation	Con			
.01	LANTER	UNDERGRADUATE ACADEMIC	STUDIES		Production Engineering	HO			
Re	Representative refferences (minimum 5, not more than 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., Adiabatic invariants of some time-dependent oscillators, Journal of Physics A: Mathematical and General, 2007, Vol. 40, No 3, pp. 455-470.								
7.	Cveticanin, L., Kovacic, I., On the dynamics of bodies with continual mass variation, Journal of Applied Mechanics- TRANSACTIONS OF THE ASME, 2007, Vol. 74, pp. 810-815.								
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.	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 prot	fessional activity:						
Quot	tation total :		181						
Tota	l 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

Production Engineering

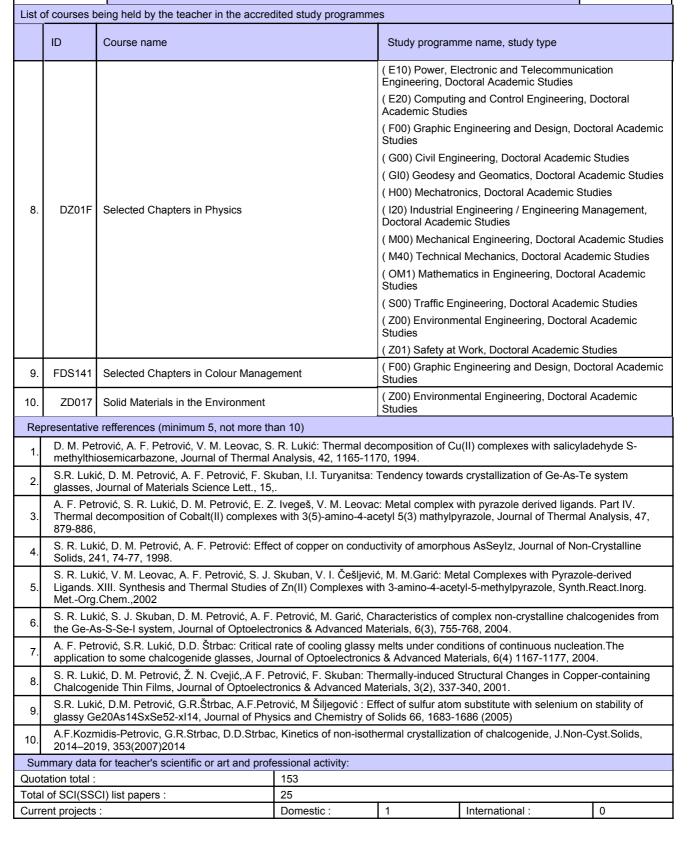
Nam	e and last n	ame.			Kozmidis-Petrović F. Ana				
					Full Professor				
Name of the institution where the teacher works full time and					Faculty of Technical Sciences - Novi Sad				
starting date:					01.09.1975				
Scier	ntific or art f	ield:			Physics				
Academic carieer Year Institution						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		
Magister thesis 1980 Faculty of Mathematics -			- Beograd		Physical Science				
Bachelor's thesis 1972 Faculty of Sciences - Nov			ovi Sad		Physical Science				
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.	E103	Physics				Èngineerin	ver, Electronic and Telecommunication g, Undergraduate Academic Studies		
						(MR0) Measurement and Control Engineering, Undergraduate Academic Studies			
2.	GG06	Civil Engineering Physics				(G00) Civi	G00) Civil Engineering, Undergraduate Academic Studies		
							chanization and Construction Engineering, uate Academic Studies		
						(M30) Ene Academic	ergy and Process Engineering, Undergraduate Studies		
3.	M101	Technical Physics				 (M40) Technical Mechanics and Technical Design, Undergraduate Academic Studies (P00) Production Engineering, Undergraduate Academic Studies 			
						(ZP0) Disaster Risk Management and Fire Safety, Undergraduate Academic Studies			
4.	ZR440	Influen	ice of radiat	tion on health and occupa	tional safety	ty (Z01) Safety at Work, Undergraduate Academic Studies			
5.	ZC008	Techni	ical physics			(ZC0) Clean Energy Technologies, Undergraduate Academic Studies			
							ver, Electronic and Telecommunication g, Specialised Academic Studies		
					(112) In		strial Engineering, Specialised Academic Studies		
6.	DZ01FS	Select	ed Chapters	s 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





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



Study Programme Accreditation

UNDERGRADUATE ACADEMIC STUDIES

Production Engineering

Name	e and last n	ame:			Kuzmanović B. Siniša				
Acad	Academic title:					Full Professor			
Name of the institution where the teacher works full time and					Faculty of Technical Sciences - Novi Sad				
starti	ng date:				01.10.1975				
Scier	ntific or art f	ield:			Machine Elen	nents,Const	ruction Principles, Machine and Mechanizm		
Acad	emic cariee	er	Year	Institution			Field		
Academic title election: 1996 Faculty of Technical Scient					ences - Novi S	ad	Machine Elements,Construction Principles, Machine and Mechanizm Theory, Power and Motion Transfer and Eng.Communication		
PhD	PhD thesis 1980 Faculty of Mechanical En			ngineering - Be	eograd	Machine Elements,Construction Principles, Machine and Mechanizm Theory, Power and Motion Transfer and Eng.Communication			
Magister thesis 1976 Faculty of Mechanical En			ngineering - Be	eograd	Machine Elements,Construction Principles, Machine and Mechanizm Theory, Power and Motion Transfer and Eng.Communication				
Bachelor's thesis 1973 Faculty of Mechanical Er			ngineering - Be	eograd	Thermal Energetics and Thermotechnics				
List o	f courses b	eing hel	d by the te	acher in the accredited stu	udy programme	es			
	ID Course name				Study pro	ogramme name, study type			
1.	F408		ial Design			Àcadémic			
2.	H205		nical Eleme			· · /	chatronics, Undergraduate Academic Studies		
3.	H208	Mecha	nical Eleme	ents 2		· ,	chatronics, Undergraduate Academic Studies		
4.	M202	Mecha	nical Eleme	ents		Undergrad (M30) Ene Academic (M40) Teo Undergrad	chanization and Construction Engineering, luate Academic Studies ergy and Process Engineering, Undergraduate Studies chnical Mechanics and Technical Design, luate Academic Studies duction Engineering, Undergraduate Academic		
5.	M2419	Product Development				(M20) Mechanization and Construction Engineering, Undergraduate Academic Studies			
6.	URZP14	Funda	mentals of	Mechanical Engineering		(ZP0) Disa Undergrad	aster Risk Management and Fire Safety, luate Academic Studies		
7.	F510I1	Desigr	n of industri	al products		(F00) Gra Studies	phic Engineering and Design, Master Academic		
8.	M2654	Specifi	c Machine	Elements of Agricultural M	lachinery	(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	Conter Constr		ethods of Designing and M	lachine	(M00) Me	chanical Engineering, Doctoral Academic Studies		
11.	DM215			s in Machine and Mechan	isms Theory	, ,	chanical Engineering, Doctoral Academic Studies		
12.	DOM23	Produc	ct Developn	nent		· ,	chanical Engineering, Doctoral Academic Studies		
13.	FDS211	Select	ed Chapter	s in Design		Studies	phic Engineering and Design, Doctoral Academic		
14.	FDS214	Select	ed Chapter	s in Industrial Product Mod	delling	(F00) Gra Studies	phic Engineering and Design, Doctoral Academic		
Rep			,	num 5, not more than 10)					
1.							L: Thermal stability of crossed helical gears with S607-S619, doi:10.2298/TSCI120503190M.		
2.	Kuzmano 82-4	vić, S.:	Konstruisar	nje, oblikovanje i dizajn - 1	. deo, Fakultet	tehničkih n	auka, Novi Sad, 2006, str.357, ISBN 86-85211-		
3.	Kuzmano 57-3	vić, S.:	Konstruisar	nje, oblikovanje i dizajn - 2	. deo, Fakultet	tehničkih n	auka, Novi Sad, 2005, str.181, ISBN 86-85211-		
4.	Kuymanc	vić, S.:	Menadžme	nt proizvodima, Univerzite	t u Novom Sac	du, Novi Sad	d, 2007, str.301, ISBN 978-86-499-0149-0		
5.	Kuzmanc 978-86-7			ementi - oblikovanje, prora	ačun i primena	, Fakultet te	hničkih nauka, Novi Sad, 2012, str.394, ISBN		

4	TAS STUR		UNIVERSITY OF NOVI SAD						
ALL DO R		FACULTY OF TECHNICAL SC	CIENCES 21000 NOVI	SAD, TRG [DOSITEJA OBRADOVIĆA 6	STATE			
N'Z		Study	Programme A	Accredit	tation	ST ST			
<i>'</i> 0 <i>,</i>	LANTER	UNDERGRADUATE ACADEMIC	STUDIES		Production Engineering	-e HOs			
Rep	Representative refferences (minimum 5, not more than 10)								
6.	. Kuzmanović, S.: Industrijski dizajn, Fakultet tehnickih nauka, Novi Sad, 2012, str.329, ISBN 978-86-7892-404-0								
7.	Kuzmanović, S., Trbojević, R., Rackov, M.: Zbirka zadataka iz mašinskih elemenata, Fakultet tehničkih nauka, Nobi Sad, 2009, str.198, ISBN 978-86-7892-154-4								
8.	Kuzmanović, S.: Univerzalni zupčasti reduktori sa cilindričnim zupčanicima, Fakultet tehničkih nauka, Novi Sad, 2009, str.231, ISBN 978-86-7892-202-2								
9.	Kuzmanović, S., Rackov, M.: Bezazorni prenosnici u vojnom mašinstvu, Vojnotehnički institut, Beograd, 2012, str.101, ISBN 978- 86-81123-51-5								
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 pro	ofessional activity:						
Quot	tation 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

A REAL PROPERTY OF

Study Programme Accreditation

UNDERGRADUATE ACADEMIC STUDIES

Production Engineering

Nam	e and last n	ame:			Lazarević M. Milovan				
Academic title:					Assistant Professor				
Name of the institution where the teacher works full time and									
starting date: Scientific or art field:					11.11.2000 Production Systems, Organization and Management				
	lemic carie		Year	Institution	Froduction Sy	stems, Org	Field		
	lemic title el		2010	Faculty of Technical Scie	ences - Novi S	ad	Production Systems, Organization and		
	thesis		2009	Faculty of Technical Scie			Management Engineering Management		
	ster thesis		2006	Faculty of Technical Scie			Production Systems, Organization and Management		
Bachelor's thesis 2000 Faculty of Technical Science			ences - Novi Sa	ad	Production Systems, Organization and Management				
List c	of courses b	eing he	ld by the tea	L acher in the accredited stu	idy programme	S	Management		
	ID Course name				Study pro	gramme name, study type			
1.	EOS19	Disma	ntling and r	ecycling technologies			ver Engineering - Renewble Sources of Electrical ndergraduate Professional Studies		
2.	M316	Produc	ction Syster	ns		(GI0) Geo Studies	desy and Geomatics, Undergraduate Academic		
۷.		110000	Suon Syster			· · ·	chnical Mechanics and Technical Design, uate Academic Studies		
3.	II1012	Assembly Technologies				(110) Indus Studies	strial Engineering, Undergraduate Academic		
4.	ll1017	Production System Design				(110) Indus Studies	 Industrial Engineering, Undergraduate Academic dies 		
5.	II1037	Disassembly and recycling technologies				(110) Indus Studies	strial Engineering, Undergraduate Academic		
6.	ll1053	Production Systems				Academic			
						(P00)Proo Studies	duction Engineering, Undergraduate Academic		
7.	IM1027	27 Production systems				Studies	neering Management, Undergraduate Academic		
							asurement and Control Engineering, uate Academic Studies		
8.	IM1114	Energy	y Flows in tl	he Enterprise		(I20) Engir Studies	neering Management, Undergraduate Academic		
9.	IM1119	Produc	ct managen	nent at end of life		(I20) Engin Studies	neering Management, Undergraduate Academic		
10.	EI504	Manao	nement of S	mall and Medium Enterpri	\$95	(MR0) Me Academic	asurement and Control Engineering, Master Studies		
10.	L1004	wanay				· · ·	er, Electronic and Telecommunication g, Master Academic Studies		
11.	IMDR0S		•	s in enterprise's design, or	ganization	· · ·	strial Engineering, Specialised Academic Studies neering Management, Specialised Academic		
40		and co		h - al - ain a 41 116-11		Studies			
12.	IMDS56			ty during the lifetime g and Designing Procedure	es and		strial Engineering, Specialised Academic Studies strial Engineering, Specialised Academic Studies		
13.	IMDS57			nd of Product Lifecycle		· · /	neering Management, Specialised Academic		
14.	IMDS93	Virtual	Enterprises	s and Collaborative Syster	ns	Studies			
15.	MBA411	Bueine	ses intellige	nce concente		(120) Engi Studies	neering Management, Specialised Professional		
15.		Business intelligence concepts				(IB0) Engi Profession	neering Management - MBA, Specialised al Studies		
16.	PLM02	Produc		nent and Management in F	 ЭГ М	· · ·	strial Engineering, Master Academic Studies		
10.	I LIVIUZ			nen and Management III f			strial Engineering - Product Lifecycle Management opment, Master Academic Studies		

AND ARCONSTRUCT

UNIVERSITY OF NOVI SAD

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





UNDERGRADUATE ACADEMIC STUDIES

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

List c	of courses b	peing held by the teacher in the accred	dited study programme	28			
	ID	Course name		Study programme name, study type			
17.	PLM06	Technologies for Disposal at the Pro	oducts End-Of-Life	(I1U) Industrial Engineering - Product Lifecycle Management and Development, Master Academic Studies			
18.	1907	Automated Assembly Systems for H	ligh Accuracy	(H00) Mechatronics, Master Academic Studies (PM0) Production Engineering, Master Academic Studies			
19.	IIDR5S	Advanced Engineering Technologies	s	(112) Industrial Engineering, Specialised Academic Studies (122) Engineering Management, Specialised Academic Studies			
20.	IIDS10	Effective technological and production	 (M50) Energy Management, Master Academic Studies (112) Industrial Engineering, Specialised Academic Studies (122) Engineering Management, Specialised Academic Studies 				
21.	IM2102	IM2102 Manufacturing strategy (KAIZEN, LEAN, KANBAN, EFPS) (110) Industrial Engineering, Master Academic Studies (180) Energy Management, Master Academic Studies (120) Engineering Management, Master Academic St					
22.	IM2120	Virtual Enterprises		(I20) Engineering Management, Master Academic Studies			
	IMO404	Draduction and Ormiter Ormite		(H00) Mechatronics, Master Academic Studies			
23.	IM2124	Production and Service Systems		(M50) Energy Management, Master Academic Studies			
24.	PLM02	Applied Product Development		(I20) Engineering Management, Specialised Professional Studies			
25.	IMDR0	Science of Industrial Engineering an	d Management	(I20) Industrial Engineering / Engineering Management, Doctoral Academic Studies			
26.	IMDR56	Traceability of Product Lifecycle		(I20) Industrial Engineering / Engineering Management, Doctoral Academic Studies			
27.	IMDR57	Strategic Planning and Designing Pr Systems at the End of Product Lifed		(I20) Industrial Engineering / Engineering Management, Doctoral Academic Studies			
28.	IMDR93	Virtual Enterprises and Collaborative	e Systems	(I20) Industrial Engineering / Engineering Management, Doctoral Academic Studies			
29.	29. IMDR85 Effective technological and production structures (120) Industrial Engineering / Engineering Doctoral Academic Studies						
Rep	oresentative	e refferences (minimum 5, not more th	an 10)				
1.	1. Vukelić Đ., Ostojić G., Stankovski S., Lazarević M., Tadić B., Hodolič J., Simeunović N.: Machining fixture assembly/disassembly in RFID environment, Assembly Automation, 2011, Vol. 31, No 1, pp. 62-68, ISSN 0144-5154						
2.	Stankovski S. Ostolić G. Tarian I. Škrinjar D. Lazarović M. IMI. Pohot Grasning Process Improvement. (Article in proce. Date						
3.	3. Ostojić G., Lazarević M., Stankovski S., Ćosić I. : RFID Technology Application in Disassembly Systems, Strojniski vestnik = Journal of Mechanical Engineering, 2008, Vol. 54, Broj 11, str. 759-767, ISSN 0039-2480, UDK: 658.5						
4.		ki S., Lazarević M., Ostojić G., Ćosić ssembly Automation, 2009, Vol. 29, B		hnology in Product/Part Tracking During the Whole Life SN 0144-5154			
5.	Lazarević M., Ostojić G., Ćosić I., Stankovski S., Vukelić Đ., Zečević I.: Product lifecycle management (PLM) methodology for						
6.	technolog			B., Odri S.: Implementation of automatic identification estnik - Journal of Mechanical Engineering, 2011, Vol. 57, No			
7.		ć M., Ostojić G., Stankovski S., Ćosić a, Broj priznatog patenta: 51796, datu		nja proizvodom u celokupnom životnom veku korišćenjem 2011. godine., 2011			
8.	Vukelić Đ., Tadić B., Hodolič J., Budak I., Lazarević M.: Development an expert system for machining fixture design, 10.						
9.		ć V., Lazarević M., Simić M.: Prilog p onferencija, Beograd: MAŠINSKI Faku		kih montažnih sistema primenom softvera pro/engineer , 29. oruar, 2003, ISBN 86-7083-459-6			
10.		Lazarević M., Sremčev N.: Design fo kultet tehničkih nauka, 29-30 Septemt		Simpozijum o konstruisanju, oblikovanju i dizajnu – KOD, 2, ISBN 978-86-7892-278-7			
Sur	nmary data	for teacher's scientific or art and profe	· · · · ·				
	ation total :		11				
		CI) list papers :	6 Demostia i				
Curre	ent projects	-	Domestic :	4 International : 3			



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



Study Programme Accreditation

UNDERGRADUATE ACADEMIC STUDIES

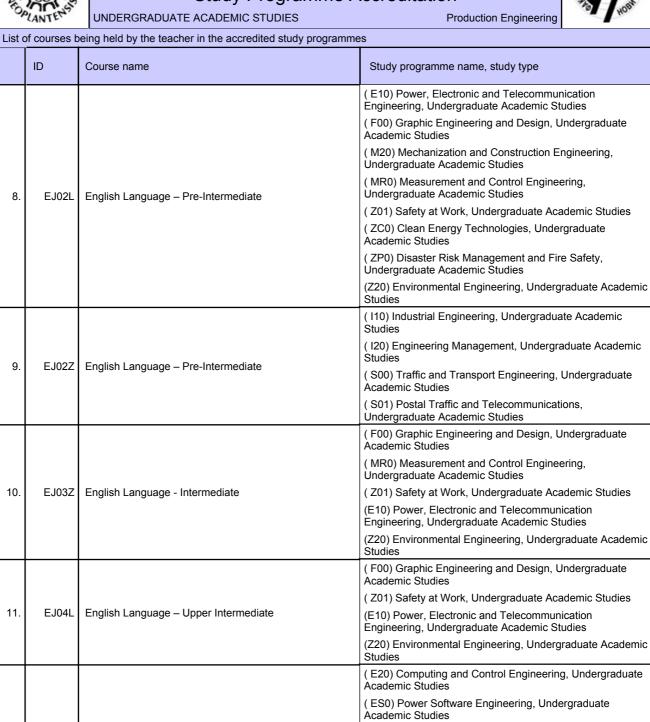
Production Engineering

Nom	e and last n	amo:			Ličen S. Bran	ielava		
	e and last n	anie.			Lecturer			
		itution	whore the te	acher works full time and		Faculty of Technical Sciences - Novi Sad		
-	ng date:				07.04.2005			
	Scientific or art field:							
Acad	emic cariee	er	Year	Institution	English		Field	
Acad	emic 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 he	ld by the tea	acher in the accredited stu	udy programme	S		
	ID					Study pro	gramme name, study type	
1.	AEJ1L	English Language - Elementary				(A00) Architecture, Undergraduate Academic Studies		
2.	AEJ2L			intermediate		(A00) Architecture, Undergraduate Academic Studies		
3.	AEJ2Z	-	h intermedia				nitecture, Undergraduate Academic Studies	
4.	AEJ3Z			e - upper intermediate			nitecture, Undergraduate Academic Studies	
		5 -	<u> </u>				nputing and Control Engineering, Undergraduate	
						(F10) Eng Studies	ineering Animation, Undergraduate Academic	
5.	E2110	Izborni	i strani jezik	1		(GI0) Geo Studies	desy and Geomatics, Undergraduate Academic	
						(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	
							chanization and Construction Engineering, uate Academic Studies	
						(M30) Ene Academic	ergy and Process Engineering, Undergraduate Studies	
6.	EJ01L	Englisi	h Language	e – Elementary			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) Gra Academic	phic Engineering and Design, Undergraduate Studies	
						(MR0) Measurement and Control Engineering, Undergraduate Academic Studies		
7.	EJ01Z	Englis	h Language	e - Elementary		(Z01) Safety at Work, Undergraduate Academic Studies		
						(ZC0) Clea Academic	an Energy Technologies, Undergraduate Studies	
							aster Risk Management and Fire Safety, uate Academic Studies	
						(Z20) Environmental Engineering, Undergraduate Academic Studies		



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

Study Programme Accreditation



12.

EJ1Z

English Language - Elementary

(F10) Engineering Animation, Undergraduate Academic

(GI0) Geodesy and Geomatics, Undergraduate Academic

(SE0) Software Engineering and Information Technologies,

(SEL) Software Engineering and Information Technologies -

Undergraduate Academic Studies

Loznica, Undergraduate Academic Studies (AH0) Architecture, Master Academic Studies

Studies

Studies



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

Study Programme Accreditation

UNDERGRADUATE ACADEMIC STUDIES





HASTAS STUDIORUM

UNIVERSITY OF NOVI SAD

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



Study Programme Accreditation

UNDERGRADUATE ACADEMIC STUDIES

Production Engineering

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

List o	of courses b	eing held by the teacher in the accredited study programmed	nes		
	ID	Course name	Study programme name, study type		
27.	EJZ	English Language - Specialized	(Z20) Environmental Engineering, Undergraduate Academic Studies		
28.	F320	English Language – ESP Course 1	(F00) Graphic Engineering and Design, Undergraduate Academic Studies		
29.	F321	English Language – ESP Course 2	(F00) Graphic Engineering and Design, Undergraduate Academic Studies		
30.	ISIT07	English Language 2	(SII) Software and Information Technologies (Inđija), Undergraduate Professional Studies		
31.	ASI381	English language 1	(AS0) Scenic Architecture, Technique and Design, Undergraduate Academic Studies		
32.	ASI431	English Language 2	(AS0) Scenic Architecture, Technique and Design, Undergraduate Academic Studies		
33.	BMI80	English 1	(BM0) Biomedical Engineering, Undergraduate Academic Studies		
34.	BMI81	English 2	(BM0) Biomedical Engineering, Undergraduate Academic Studies		
25		English for Specific Durpesse	(I10) Industrial Engineering, Undergraduate Academic Studies		
35.	EJIIM	English for Specific Purposes	(I20) Engineering Management, Undergraduate Academic Studies		
36.	ETI05	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		

AN AS	AS STUDIO	FACULTY OF TECHNICAL SCI	UNIVERSITY OF NC		TEJA OBRADOVIĆA 6	STATIKKAX MALA					
NO. NE	Son Car	Study F	Study Programme Accreditation								
5	LANTEN	UNDERGRADUATE ACADEMIC	JNDERGRADUATE ACADEMIC STUDIES Production Engineering								
List o	of courses b	eing held by the teacher in the accred	dited study programme	es							
	ID	Course name		Study program	ime name, study type						
45.	NIT03	Business English			Engineering - Advanced Er laster Academic Studies	ngineering					
Rep	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.	"Summar Beogradu	ization Skills of Engineering Students I, 2011., str. 291-299.	' Reading in a Second	d Language", Jez	ik struke, izazovi i perspekt	ive, Univerzitet u					
3.		e, Ethnicity and Gender in Nadine Gor USSE Conference, Pecs, 2010., str. 2		her Stories", Sele	ected Papers in Literature a	nd Culture from					
4.		the Interregnum: Nadine Gordimer's d American Studies, University of th				Conference on					
5.	"Preispitiv	vanje istorijskog konteksta u Barnsov	om romanu Floberov	papagaj", Sveske	, br.100, Pančevo, jun 201	1., str. 69-77.					
6.		e udžbenika za stručni engleski jezik z ı, 2009., str.445-454.	za studente različitog	predznanja", Jezi	k struke, teorija i praksa, Ui	niverzitet u					
7.		nastave stručnog engleskog jezika na . 170-176.	ı FTN-u u Novom Sad	u", Jezik struke, t	eorija i praksa, Univerzitet u	u Beogradu,					
8.	Zajednica	i pojedinac u delima Toni Morison u	romanima Najplavlje	oko, Sula, Voljena	a i Katreno luče, 2009.						
Sur	nmary data	for teacher's scientific or art and profe	essional activity:								
	ation total :		0								
Total of SCI(SSCI) list papers : 0											
Curre	Current projects : Domestic : 0 International : 0										



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



Study Programme Accreditation

UNDERGRADUATE ACADEMIC STUDIES

Production Engineering

Nam	Name and last name: Lončarević M. Ivana								
	emic title:	ane.			Assistant Pro				
		titution v	where the te	acher works full time and			nces - Novi Sad		
-	ng date:				01.06.2004				
	ntific or art f	ield:			Physics				
Acad	emic cariee	er	Year	Institution			Field		
Acad	emic title e	lection:	2010				Physics		
	thesis		2010	Faculty of Physics - Beo	grad		Physical Science		
Magi	ster thesis		2008	Faculty of Physics - Beo	-		Physical Science		
Bach	elor's thesis	s	2003	Faculty of Sciences - No	vi Sad		Physical Science		
List c	f 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.	E103	Physic	s			Èngineerin	ver, Electronic and Telecommunication g, Undergraduate Academic Studies		
		,					asurement and Control Engineering, uate Academic Studies		
2.	EOS06	Physic	S				ver Engineering - Renewble Sources of Electrical ndergraduate Professional Studies		
3.	GG06	Civil E	ngineering	Physics		(G00) Civi	l Engineering, Undergraduate Academic Studies		
4.	H101 Physics					Studies	ineering Animation, Undergraduate Academic desy and Geomatics, Undergraduate Academic		
						Studies (H00) Mechatronics, Undergraduate Academic Studies			
┝──┤						, ,	ineering Animation, Undergraduate Academic Studies		
5.	IAFI01	Colors	and Light			Studies			
						Undergrad	chanization and Construction Engineering, uate Academic Studies ergy and Process Engineering, Undergraduate		
						Academic Studies (M40) Technical Mechanics and Technical Design,			
6.	M101	Techn	ical Physics	i		Undergrad	uate Academic Studies		
						(P00) Production Engineering, Undergraduate Academ Studies			
						(ZP0) Disaster Risk Management and Fire Safety, Undergraduate Academic Studies			
7.	ETI06	Physic	S			(E02) Elect Profession	ctronics and Telecommunications, Undergraduate al Studies		
8.	ZC008	Techn	ical physics			(ZC0) Clea Academic	an Energy Technologies, Undergraduate Studies		
Rep	oresentative	e reffere	nces (minin	num 5, not more than 10)					
1.				rević I., Petkovic M., Jaks a, Physical Review E, 201			tion in random sequential adsorption of extended 1-8		
2.	Budinski-	Petkovi	ć Lj., Lonča	-	c S., Švrakić N	: Simulatio	n study of anisotropic random sequential		
3.							ation properties in a diffusive model of k-mers I. 84, No 031109, pp. 1-13		
4.							equential adsorption of polydisperse mixtures on ent, 2010, ISSN 1742-5468		
5.	5. Lončarević I., Budinski-Petković Lj., Vrhovac Lj., Belić A.: Adsorption, desorption, and diffusion of k-mers on a one-dimensional lattice, Physical Review E, 2009, Vol. 80, No 2								
6.	 Budinski-Petković Lj., Vrhovac S., Lončarević I.: Random sequential adsorption of polydisperse mixtures on discrete substrates , Physical Review E, 2008, Vol. 78, No 061603, pp. 1-7 								
7.	Lončarević I., Budinski-Petković Lj., Vrhovac S.: Simulation study of random sequential adsorption of mixtures on a triangular 7. lattice								
	, The European Physical Journal E, 2007, Vol. 24, pp. 19-26, ISSN 1292-8941								



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

Study Programme Accreditation

to,	LANTENS	UNDERGRADUATE ACADEMIC	STUDIES		Production Engineering	.e Hop					
Rep	Representative refferences (minimum 5, not more than 10)										
8.	 Lončarević I., Budinski-Petković Lj., Vrhovac S.: Reversible random sequential adsorption of mixtures on a triangular lattice , Physical Review E, 2007, Vol. 76, No 031104, pp. 1-9 										
9.	9. Lončarević I.: Irreversible deposition of extended objects with diffusional relaxation on discrete substrates, The European Physical Journal B, 2010, No 73, pp. 439-445										
10.		Kozmidis-Luburić U., Budinski-Petk r Transport along Microtubules, Jou -1955									
Sur	nmary data fo	r teacher's scientific or art and profe	essional activity:								
Quotation total : 0											
Total	of SCI(SSCI) list papers :	12								
Curre	ent projects :		Domestic :	1	International :	0					



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



Study Programme Accreditation

UNDERGRADUATE ACADEMIC STUDIES

Production Engineering

Nam	Name and last name:				Lukić J. Tibor			
-	emic title:				Assistant Pro			
		titution v	vhere the te	eacher 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	lection:	2012	Faculty of Technical Scie	ences - Novi Sa	ad	Mathematics	
PhD	thesis		2011	Faculty of Technical Scie	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 of courses being held by the teacher in the accredited study				acher in the accredited stu	udy programme	es		
	ID	Course 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, luate Academic Studies	
							tware Engineering and Information Technologies - Indergraduate Academic Studies	
						(E20) Con Academic	nputing and Control Engineering, Undergraduate Studies	
2	E010	Disoro	to Matham	atics and Lincor Algobra		(MR0) Measurement and Control Engineering, Undergraduate Academic Studies		
2.	E213	DISCLE	Discrete Mathematics and Linear Algebra				tware Engineering and Information Technologies, luate Academic Studies	
							tware Engineering and Information Technologies - Indergraduate Academic Studies	
3.	E221A	Matho	matical Ana	alveis 2		(E20) Con Academic	nputing and Control Engineering, Undergraduate Studies	
J.	L221A	maure		ary 515 Z		(MR0) Measurement and Control Engineering, Undergraduate Academic Studies		
4.	IAM004	Geom	etry of Disc	rete Space		(F10) Eng Studies	ineering Animation, Undergraduate Academic	
							chanization and Construction Engineering, luate Academic Studies	
5.	M106	Mathe	matics 2			(M30) Energy and Process Engineering, Undergraduate Academic Studies		
5.	101100	matric	Mathematics 2				chnical Mechanics and Technical Design, luate Academic Studies	
						(P00)Pro Studies	duction Engineering, Undergraduate Academic	
6.	M4201	Mathe	matics 3			(M30) Ene Academic	ergy and Process Engineering, Undergraduate Studies	
<u> </u>						Undergrad	chnical Mechanics and Technical Design, uate Academic Studies	
7.	M4202	Applie	d Mathema	tical Analysis		· /	chnical Mechanics and Technical Design, uate Academic Studies	
						(Z01) Safe	ety at Work, Undergraduate Academic Studies	
						(ZC0) Cle 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

Production Engineering



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

UNDERGRADUATE ACADEMIC STUDIES

LISU		eing held by the teacher in the accred	nieu sluuy programm						
	ID	Course name		Study program	me name, study type				
9.	Z106	Mathematics 2		(ZC0) Clean En Academic Studie (ZP0) Disaster F	Work, Undergraduate Acad ergy Technologies, Underg es Risk Management and Fire Academic Studies	raduate			
				(Z20) Environme Studies	ental Engineering, Undergra	aduate Academic			
10.	E101	Discrete Mathematics		(ES0) Power Sc Academic Studie	oftware Engineering, Underges	graduate			
11.	ISIT02	Mathematics 1			nd Information Technologie Professional Studies	es (Inđija),			
12.	Z104	Matematika 1(uneti naziv na englesł	xom)	(Z20) Environme Studies	ental Engineering, Undergra	aduate Academic			
13.	Z106	Matematika 2(uneti naziv na englesi	xom)	(Z20) Environme Studies	ental Engineering, Undergra	aduate Academic			
14.	0ML503	Combinatorics and Graph Theory		(OM1) Mathema Studies	atics in Engineering, Master	r Academic			
15.	0ML507	07 Logic in computer science		(OM1) Mathematics in Engineering, Master Academic Studies					
16.	IA022	Numerical Optimization		(F20) Engineerii	ng Animation, Master Acad	emic Studies			
Rep	oresentative	refferences (minimum 5, not more th	an 10)						
1.		ic, Nebojsa M. Ralevic, Geometric Me 1, pp. 30-36, 2008.	ean Newton"s Method	for Simple and M	ultiple Roots, Elsevier, App	lied Mathematics			
2.		indblad, Nata sa Sladoje, and Tibor L Verlag, Volume 4245,of Lecture Note				ace Approach,			
3.		ic, Natasa Sladoje, and Joakim Lindb Verlag, Volume 5096 of Lecture Note				ient Optimization,			
4.		u zanin and Tibor Lukic, Convergence tics, pp. 71-79, 2005.	e of the MRV method	at singular points,	Volume 35 of Novi Sad Jou	urnal of			
5.		ic, Neboj sa M. Ralevic and Aniko Lu ngs of 4th Serbian-Hungarian Joint Sy				Equations,			
6.		ic and Neboj sa M. Ralevic, Newton"s ngs of 3rd Serbian-Hungarian Joint S				on Operator,			
7.	ing Based	ic, Joakim Lindblad, and Natasa Slad d on Spectral Gradient Optimization, I ishing, 2011.							
8.		Energy-minimization based Discrete ⁻ Iter Science, LNCS, 2012	Tomography Reconst	ruction Method for	Images on Triangular Grid	, Lecture Notes			
9.	Tibor Lukic, Benedek Nagy, Energy-minimization based Discrete Tomography								
10.		uzanin and Tibor Lukic, Convergence ovi Sad Journal of Mathematics, Vol.		at singular					
Sur	Summary data for teacher's scientific or art and professional activity:								
Quot	ation total :		0						
Total	of SCI(SSC	CI) list papers :	8	·					
Curre	rent projects : Domestic : 2 International : 0								



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

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Study Programme Accreditation

UNDERGRADUATE ACADEMIC STUDIES

Production Engineering

Name	me and last name: Lužanin B. Ognjan								
Acad	emic title:				Assistant Pro	• •			
Name	e of the inst	itution v	vhere the te	eacher works full time and	Faculty of Te	chnical Scie	nces - Novi Sad		
	ng date:				09.11.1992				
Scien	ntific or art f	ield:			Plastic Defor	mation Tech	nology, Rapid Prototyping, Virtual		
Acad	emic cariee	er	Year	Institution			Field		
Acad	emic title el	ection:	2009	Faculty of Technical Sci	ences - Novi S	ad	Plastic Deformation Technology, Rapid Prototyping, Virtual		
PhD 1	thesis		2009	Faculty of Technical Science	ences - Novi S	ad	Plastic Deformation Technology, Rapid Prototyping, Virtual		
Magis	ster thesis		2002	Faculty of Technical Sci	ences - Novi S	ad	Machine Tools, Flexible Technological Systems and Automatization Processes Design		
Bach	elor's thesis	6	1992	Faculty of Technical Science	ences - Novi S	ad	Machine Tools, Flexible Technological Systems and Automatization Processes Design		
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.	IA016	Introdu	uction to Vir	tual Reality Technology		(F10) Eng Studies	ineering Animation, Undergraduate Academic		
2.	P2411	Virtual	Production	in Technologies of Plastic	c Deforming	(P00) Pro Studies	duction Engineering, Undergraduate Academic		
3.	BM119D	Revers engine	•	ring and rapid prototyping	in biomedical	(BM0) Bio Studies	medical Engineering, Undergraduate Academic		
4.	F402	Electro	onic Publish	ing		(F00) Gra Studies	raphic Engineering and Design, Master Academic		
5.	F504I0	3D Pri	nting			(F00) Gra Studies	phic Engineering and Design, Master Academic		
6.	NIT01	Innova	tive Produc	ct Development			istrial Engineering - Advanced Engineering ies, Master Academic Studies		
7.	P321			ring and Rapid Prototyping		(110) Indu	strial Engineering, Master Academic Studies		
8.	SM1061		ated VR de ering appli	velopment environments f	or	(PM0) Pro	oduction Engineering, Master Academic Studies		
9.	DM411	Conter Engine	mporary Ap	proach to Integration of Rapid Prototyping, Tools, Pr		(M00) Mechanical Engineering, Doctoral Academic Studies			
10.	DP001		n and Rese	arch Methods in Productio	n	(M00) Me	chanical Engineering, Doctoral Academic Studies		
Rep	oresentative	reffere	nces (minin	num 5, not more than 10)					
1.	burnishin	g tool to	achieve hi				Iić D.: Using specially designed high-stiffness 4508-2, International Journal of Advanced		
2.	Plančak I	M., Hart	ley P., Ess	· · · · · · · · · · · · · · · · · · ·			analysis during bi-metallic coining operations,		
3.				n O., Stankovski S., Vukeli h and Essays, 2011, Vol.			Lj.: An integral system for automated cutting tool SSN 1992-2248		
4.				n O., Budak I., Križan P., H , pp. 5787-5802, ISSN 199		ule-based sy	stem for fixture design, Scientific Research and		
5.							Glove Using Complex Static Gestures and an Vol. 55, No 4, pp. 230-236, ISSN 0039-2480		
6.	Technica	Corvini	ensis, 2011	, Vol. 4, No 4, pp. 89-92,	ISSN 2067-380)9	omputer-Aided Selection of Cutting Tools, Acta		
7.	technolog	gy of Pla	asticity, 200	8, Vol. 33, No 1-2, pp. 103	3-111.	_	es on current trends and applications , Journal for		
8.	forming te	echnolo					O.: Application of net shape and near-net shape hafts , Journal for technology of Plasticity, 2007,		
9.	Milutinović M., Vilotić D., Plančak M., Trbojević I., Čupković Đ., Lužanin O.: Hot ring rolling in bearing production , Journal for Technology of Plasticity, 2005, Vol. 30, No 1-2, pp. 61-73, ISSN 0354-3870.								
10.							Characteristics of Gears by Application of Vol. 20, No 2, pp. 47-51, ISSN 0351-1642.		



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

Study Programme Accreditation

UNDERGRADUATE ACADEMIC STUDIES

Summary data for teacher's scientific or art and professional activity:								
Quotation total : 0								
Total of SCI(SSCI) list papers :	5							
Current projects :	Domestic :	1	International :	1				



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



Study Programme Accreditation

UNDERGRADUATE ACADEMIC STUDIES

Production Engineering

Name Full Professor Name of the institution where the teacher works full time and Facutty of Technical Sciences - Novi Sad Scientific or art field: Deformable Body Mechanics Academic tittle election 2000 Piot Deformable Body Mechanics Academic Category Academic Category Facutty of Technical Sciences - Novi Sad Deformable Body Mechanics Deformable Body Mechanics Academic Category Facutty of Technical Sciences - Novi Sad Deformable Body Mechanics Bacheol Technical Sciences - Novi Sad Bacheol's thesis 1987 Ist of courses being held by the teacher in the accredited study programmes UD Course name Xudo Strength of Materials Study programme name, study type 1 A237 Material Resistance (A00) Architecture, undergraduate Academic Studies (M204 Strength of Materials (M204 * (M204 Strength of Materials * (M204 Strength of Materials * (M204 Fundamentals of Mechanics * M4005 Thermorechanics * (M2	Nam	lame and last name: Maretić B. Ratko							
Name of the institution where the teacher works full time and faculty of Technical Sciences - Novi Sad Starting date: Deformable Body Mechanics Academic tile decton Paculty of Technical Sciences - Novi Sad Deformable Body Mechanics Academic tile decton 1997 Faculty of Technical Sciences - Novi Sad Deformable Body Mechanics Bachelor's thesis 1997 Faculty of Technical Sciences - Novi Sad Deformable Body Mechanics Bachelor's thesis 1997 Faculty of Technical Sciences - Novi Sad Deformable Body Mechanics Bachelor's thesis 1997 Faculty of Technical Sciences - Novi Sad Deformable Body Mechanics Ib Course name Study programme name, study type Itelesting Itelesting 1. A237 Material Resistance (A00) Architecture, Undergraduate Academic Studies 2. M204 Strength of Materials (M204 Strength of Materials (M204 3. M4305 Thermomechanics (M40) Technical Mechanics and Technical Design, Undergraduate Academic Studies (C200) Foroaution Engineering. Undergraduate Academic Studies 3. M4305 Thermomechanics (M40) Technical Mechanics and Technical Design, Un									
starting date: 18.05 1993 Scientific or art field: Deformable Body Mechanics Academic stille election: 2009 Field Faculty of Technical Sciences - Novi Sad Deformable Body Mechanics PhD thesis 1997 Faculty of Technical Sciences - Novi Sad Deformable Body Mechanics Bacherics thesis 1997 Faculty of Technical Sciences - Novi Sad Deformable Body Mechanics List of courses being held by the teacher in the accredited study programmes Eacherics thesis 1987 Faculty of Technical Sciences - Novi Sad Deformable Body Mechanics List of courses being held by the teacher in the accredited study programmes Eacherics thesis 1987 Faculty of Technical Sciences - Novi Sad Deformable Body Mechanics List of courses being held by the teacher in the accredited study programmes Eacherics Studies (MO0) Architecture, Undergraduate Academic Studies 1. A237 Material Resistance (MO0) Northechnics and Technical Design, Undergraduate Academic Studies 2. M204 Strength of Materials (MO1) Technical Mechanics and Technical Design, Undergraduate Academic Studies 3. M4305 Thermonechanics (MO1) Technical Mechanics and Technical Design, Undergraduate Academic Studies 5.			titution v	vhere the te	acher works full time and			nces - Novi Sad	
Academic carlieer Year Institution Field Academic title dector: 2009 Facuity of Technical Sciences - Novi Sad Deformable Body Mechanics Magister thesis 1993 Facuity of Technical Sciences - Novi Sad Deformable Body Mechanics Magister thesis 1993 Facuity of Technical Sciences - Novi Sad Deformable Body Mechanics Bachelor's thesis 1987 Facuity of Technical Sciences - Novi Sad Deformable Body Mechanics List of courses being held by the teacher in the accredited study programmes Study programme name, study type 1. A237 Material Resistance (A00) Architecture, Undergraduate Academic Studies 1. A237 Material Resistance (M00) Architecture, Undergraduate Academic Studies 2. M204 Strength of Materials (M40) Technical Mechanics and Technical Design, Undergraduate Academic Studies 3. M4305 Thermomechanics (M40) Technical Mechanics and Technical Design, Undergraduate Academic Studies 5. Z108 Fundamentals of Mechanics (Z201) Stafey at Work. Undergraduate Academic Studies 6. BM1127 Biomechanics (BM00) Biomedical Engineering, Undergraduate Academic S						j			
Academic tille election: 2009 Faculty of Technical Sciences - Novi Sad Deformable Body Mechanics PhD thesis 1997 Faculty of Technical Sciences - Novi Sad Deformable Body Mechanics Bachelor's thesis 1997 Faculty of Technical Sciences - Novi Sad Deformable Body Mechanics Bachelor's thesis 1987 Faculty of Technical Sciences - Novi Sad Deformable Body Mechanics Ibt of course name Study programme name, study type Study programme name, study type . 1 A237 Material Resistance (A00) Architecture, Undergraduate Academic Studies . 2. M204 Strength of Materials (M20) Mechanization and Construction Engineering, Undergraduate Academic Studies . 3. M4305 Thermomechanics (M40) Technical Mechanics and Technical Design, Undergraduate Academic Studies 4. URZP14 Fundamentals of Mechanical Engineering (Z20) Disaster Risk Management and Fre Safety, Undergraduate Academic Studies 5. Z106 Fundamentals of Mechanics (E10) Production Engineering, Undergraduate Academic Studies 6. BM1127 Biomechanics (E10) Production Engineering, Undergraduate Academic Studies		•	ield:				ody Mecha	nics	
PhD thesis 1997 Faculty of Technical Sciences - Novi Sad Deformable Body Mechanics Magister Thesis 1993 Faculty of Technical Sciences - Novi Sad Deformable Body Mechanics Bachelor's thesis 1997 Faculty of Technical Sciences - Novi Sad Deformable Body Mechanics List of courses being held by the teacher in the accredited study programme name, study type 1 A237 Material Resistance (A00) Architecture, Undergraduate Academic Studies 1 A237 Material Resistance (M20) Mechanization and Construction Engineering, Undergraduate Academic Studies 2. M204 Strength of Materials (M40) Technical Mechanics and Technical Design, Undergraduate Academic Studies 3. M4305 Thermomechanics (M40) Technical Mechanics and Technical Design, Undergraduate Academic Studies 4. URZP14 Fundamentals of Mechanical Engineering (Z70) Disaster Risk Management and Fire Safety. Undergraduate Academic Studies 5. Z108 Fundamentals of Mechanics (Z80) Stery at Work. Undergraduate Academic Studies 6. BM1127 Biomechanics (BM0) Biomedical Engineering, Undergraduate Academic Studies 7. II1004 Mechanics and Industrial Engineering	Acad	emic caries	er	Year	Institution		Field		
PhD thesis 1997 Faculty of Technical Sciences - Novi Sad Deformable Body Mechanics Magister Thesis 1993 Faculty of Technical Sciences - Novi Sad Deformable Body Mechanics Bachefor's thesis 1997 Faculty of Technical Sciences - Novi Sad Deformable Body Mechanics List of courses being held by the teacher in the accredited study programmes Study programme name, study type 1. A237 Material Resistance (A00) Architecture, Undergraduate Academic Studies 2. M204 Strength of Materials (M201 Mechanization and Construction Engineering, Undergraduate Academic Studies 3. M4305 Thermomechanics (M40) Technical Mechanics and Technical Design, Undergraduate Academic Studies 4. URZP14 Fundamentals of Mechanical Engineering (Z01) Disaster Risk Management and Fre Safety, Undergraduate Academic Studies 5. Z108 Fundamentals of Mechanics (Z01) Stell val Work, Undergraduate Academic Studies 6. BM1127 Biomechanics (BM0) Biomedical Engineering, Undergraduate Academic Studies 7. II1004 Mechanics and Industrial Engineering (M40) Technical Mechanics and Technical Design, Undergraduate Academic Studies 8. </td <td>Acad</td> <td>emic title el</td> <td>lection:</td> <td>2009</td> <td>Faculty of Technical Sci</td> <td>ences - Novi Sa</td> <td>ad</td> <td>Deformable Body Mechanics</td>	Acad	emic title el	lection:	2009	Faculty of Technical Sci	ences - Novi Sa	ad	Deformable Body Mechanics	
Magister thesis 1993 Faculty of Technical Sciences - Novi Sad Deformable Body Mechanics List of courses being held by the teacher in the accredited study programmes Edited of the set of the se					•				
List of courses being held by the teacher in the accredited study programmes ID Course name Study programme name, study type 1. A237 Material Resistance (A00) Architecture, Undergraduate Academic Studies 2. M204 Strength of Materials (M40) Technical Mechanics and Technical Design, Undergraduate Academic Studies 3. M4305 Thermomechanics (M40) Technical Mechanics and Technical Design, Undergraduate Academic Studies 4. URZP14 Fundamentals of Mechanical Engineering Undergraduate Academic Studies 5. Z108 Fundamentals of Mechanics (Z01) Safety at Work, Undergraduate Academic Studies 6. BM1127 Biomechanics (Z00) Clean Enregy Technologies, Undergraduate Academic Studies 7. II1004 Mechanics and Industrial Engineering (IM0) Technical Mechanics and Technical Design, Undergraduate Academic Studies 8. M44051 Theory of Plates and Shells (IM0) Biomedical Engineering, Undergraduate Academic Studies 9. M4501 Industrial Engineering (M40) Technical Mechanics and Technical Design, Undergraduate Academic Studies 111004 Mechanics (IM0) Biomecical Engineering, Undergraduate Academic Studies	Magi	ster thesis		1993				Deformable Body Mechanics	
ID Course name Study programme name, study type 1. A237 Material Resistance (A00) Architecture, Undergraduate Academic Studies 2. M204 Strength of Materials (M20) Mechanization and Construction Engineering, Undergraduate Academic Studies 2. M204 Strength of Materials (M20) Technical Mechanics and Technical Design, Undergraduate Academic Studies 3. M4305 Thermomechanics (M40) Technical Mechanics and Technical Design, Undergraduate Academic Studies 4. URZP14 Fundamentals of Mechanical Engineering (ZP0) Disaster Risk Management and Fire Safety, Undergraduate Academic Studies 5. Z108 Fundamentals of Mechanics (Z01) Safety at Work, Undergraduate Academic Studies 6. BM1127 Biomechanics (BM0) Biomedical Engineering, Undergraduate Academic Studies 7. I1004 Mechanics and Industrial Engineering (M40) Technical Mechanics and Technical Design, Undergraduate Academic Studies 8. M44051 Theory of Plates and Shells (M40) Technical Mechanics and Technical Design, Undergraduate Academic Studies 9. M45051 Industrial Engineering (M40) Technical Mechanics and Technical Design, Maste Academic Studies	Bach	elor's thesis	S	1987	Faculty of Technical Sci	ences - Novi Sa	ad	Deformable Body Mechanics	
1. A237 Material Resistance (A00) Architecture, Undergraduate Academic Studies 1. A237 Material Resistance (M20) Architecture, Undergraduate Academic Studies 2. M204 Strength of Materials (M20) Teorgy and Process Engineering, Undergraduate Academic Studies 3. M4305 Thermomechanics (M40) Technical Mechanics and Technical Design, Undergraduate Academic Studies 4. UR2P14 Fundamentals of Mechanical Engineering (ZP0) Disaster Tesk Management and Fire Safety, Undergraduate Academic Studies 5. Z108 Fundamentals of Mechanics (Z01) Safety at Work, Undergraduate Academic Studies 6. BMI127 Biomechanics (BM0) Biomedical Engineering, Undergraduate Academic Studies 7. I11004 Mechanics and Industrial Engineering (110) Industrial Engineering, Undergraduate Academic Studies 8. M44051 Theory of Plates and Shells (M40) Technical Mechanics and Technical Design, Undergraduate Academic Studies 9. M4501 Industrial Engineering (110) Industrial Engineering, Undergraduate Academic Studies 10. M4655 Modelling of non-linear systems (M40) Technical Mechanics and Technical Design, Maste Academic Studies </td <td>List c</td> <td>of courses b</td> <td>eing he</td> <td>ld by the te</td> <td>acher in the accredited stu</td> <td>udy programme</td> <td>s</td> <td></td>	List c	of courses b	eing he	ld by the te	acher in the accredited stu	udy programme	s		
2. M204 Strength of Materials (M20) Mechanization and Construction Engineering, Undergraduate Academic Studies 3. M404 Strength of Materials (M30) Energy and Process Engineering, Undergraduate Academic Studies 3. M4305 Thermomechanics (M40) Technical Mechanics and Technical Design, Undergraduate Academic Studies 4. URZP14 Fundamentals of Mechanical Engineering (ZPO) Disaster Risk Management and Fire Safety, Undergraduate Academic Studies 5. Z108 Fundamentals of Mechanics (ZO1) Safety at Work, Undergraduate Academic Studies 6. BM1127 Biomechanics (BM0) Biomedical Engineering, Undergraduate Academic Studies 7. II1004 Mechanics and Industrial Engineering (110) Industrial Engineering, Undergraduate Academic Studies 8. M44051 Theory of Plates and Shells (M40) Technical Mechanics and Technical Design, Undergraduate Academic Studies 9. M4501 Industrial Engineering (110) Industrial Engineering, Undergraduate Academic Studies 10. M4505 Modelling of non-linear systems (M40) Technical Mechanics and Technical Design, Undergraduate Academic Studies 11. DM403 Mathematical Rod Theory (Z01) Safety at		ID	D Course name				Study pro	gramme name, study type	
2. M204 Strength of Materials Undergraduate Academic Studies 2. M204 Strength of Materials (M30) Energy and Process Engineering, Undergraduate Academic Studies 3. M4305 Thermomechanics (M40) Technical Mechanics and Technical Design, Undergraduate Academic Studies 4. URZP14 Fundamentals of Mechanical Engineering (ZP0) Disaster Risk Management and Fire Safety, Undergraduate Academic Studies 5. Z108 Fundamentals of Mechanics (Z01) Safety at Work, Undergraduate Academic Studies 5. Z108 Fundamentals of Mechanics (Z01) Safety at Work, Undergraduate Academic Studies 6. BM1127 Biomechanics (E10) Power, Electronic and Telecommunication Engineering, Undergraduate Academic Studies 7. II1004 Mechanics and Industrial Engineering (I10) Industrial Engineering, Undergraduate Academic Studies 8. M44051 Theory of Plates and Shells (M40) Technical Mechanics and Technical Design, Undergraduate Academic Studies 9. M4501 Industrial Engineering (M40) Technical Mechanics and Technical Design, Undergraduate Academic Studies 10. M4505 Modeling of non-linear systems (M40) Technical Mechanics and Technical Design, Master Academic Studies 11. <td< td=""><td>1.</td><td>A237</td><td>Materi</td><td>al Resistan</td><td>ce</td><td></td><td>(A00) Arch</td><td>nitecture, Undergraduate Academic Studies</td></td<>	1.	A237	Materi	al Resistan	ce		(A00) Arch	nitecture, Undergraduate Academic Studies	
2 M204 Strength of Materials Academic Studies (M40) Technical Mechanics and Technical Design, Undergraduate Academic Studies (P00) Production Engineering, Undergraduate Academic Studies 3 M4305 Thermomechanics (M40) Technical Mechanics and Technical Design, Undergraduate Academic Studies 4 URZP14 Fundamentals of Mechanical Engineering (Z20) Disater Risk Management and Fire Safety, Undergraduate Academic Studies 5 Z108 Fundamentals of Mechanics (Z20) Clean Energy Technologies, Undergraduate Academic Studies (Z20) Environmental Engineering, Undergraduate Academic Studies 6 BMI127 Biomechanics (BM0) Biomedical Engineering, Undergraduate Academic Studies 7 II1004 Mechanics and Industrial Engineering (H40) Technical Mechanics and Technical Design, Undergraduate Academic Studies 8 M44051 Theory of Plates and Shells (M40) Technical Mechanics and Technical Design, Undergraduate Academic Studies 9 M4501 Industrial Engineering (M40) Technical Mechanics and Technical Design, Undergraduate Academic Studies 10 M4505 Medelling of non-linear systems (M40) Technical Mechanics and Technical Design, Materia Studies 10 M4505 Medelling of non-linear systems (M40) Technical Mechanics, Doctoral Academic Studies 11 <t< td=""><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></t<>									
(M40) Technical Mechanics and Technical Design, Undergraduate Academic Studies 3. M4305 Thermomechanics (M40) Technical Mechanics and Technical Design, Undergraduate Academic Studies 4. URZP14 Fundamentals of Mechanical Engineering (ZP0) Disaster Risk Management and Fire Safety, Undergraduate Academic Studies 5. Z108 Fundamentals of Mechanics (Z01) Safety at Work, Undergraduate Academic Studies 5. Z108 Fundamentals of Mechanics (Z00) Disaster Risk Management and Fire Safety, Undergraduate Academic Studies 6. BM127 Biomechanics (BM0) Biomedical Engineering, Undergraduate Academic Studies 7. II1004 Mechanics and Industrial Engineering (110) Industrial Engineering, Undergraduate Academic Studies 8. M44051 Theory of Plates and Shells (M40) Technical Mechanics and Technical Design, Undergraduate Academic Studies 9. M4501 Industrial Design (M40) Technical Mechanics, and Technical Design, Maste Academic Studies 10. M4505 Modelling of non-linear systems (M40) Technical Mechanics, Doctoral Academic Studies 11. DM403 Mathematical Rod Theory (Z01) Safety at Work, Doctoral Academic Studies	2	M204	M204 Strength of Materials						
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5. Z108 Fundamentals of Mechanics (ZC0) Clean Energy Technologies, Undergraduate Academic Studies 6. BMI127 Biomechanics (BM0) Biomedical Engineering, Undergraduate Academic Studies 7. II1004 Mechanics and Industrial Engineering (I10) Industrial Engineering, Undergraduate Academic Studies 8. M44051 Theory of Plates and Shells (M40) Technical Mechanics and Technical Design, Undergraduate Academic Studies 9. M4501 Industrial Design (M40) Technical Mechanics and Technical Design, Maste Academic Studies 10. M4505 Modelling of non-linear systems (M40) Technical Mechanics and Technical Design, Maste Academic Studies 11. DM403 Mathematical Rod Theory (Z01) Safety at Work, Doctoral Academic Studies 12. ZRD16A Selected chapters in mechanics and elasticity theory (Z01) Safety at Work, Doctoral Academic Studies 12. ZRD16A Selected chapters in mechanics and elasticity theory (Z01) Safety at Work, Doctoral Academic Studies 13. V. Glavardanov and V. Milosevic-Mitic: Transverse vibrations and stability of a heavy and heated vertical circular pla International Journal of Structural Stability and Dynamics, 2010, 10(5), 1111-1121. 2 V. Glavardanov, R. Maretic and N. Grahovac: Buckling of a twisted and compressed rof supported by Cardan jo	4.	URZP14	Fundamentals of Mechanical Engineering						
5. Z108 Fundamentals of Mechanics Academic Studies 6. BMI127 Biomechanics (BM0) Biomedical Engineering, Undergraduate Academic Studies 7. II1004 Mechanics and Industrial Engineering (110) Industrial Engineering, Undergraduate Academic Studies 8. M44051 Theory of Plates and Shells (110) Industrial Engineering, Undergraduate Academic Studies 9. M4501 Industrial Design (M40) Technical Mechanics and Technical Design, Undergraduate Academic Studies 10. M4505 Modelling of non-linear systems (M40) Technical Mechanics and Technical Design, Maste Academic Studies 11. DM403 Mathematical Rod Theory (M40) Technical Mechanics, Doctoral Academic Studies 12. ZRD16A Selected chapters in mechanics and elasticity theory (Z01) Safety at Work, Doctoral Academic Studies 12. ZRD16A Selected chapters in mechanics and elasticity theory (Z01) Safety at Work, Doctoral Academic Studies 13. N. Maretic, V. Glavardanov and V. Milosevic-Mitic: Transverse vibrations and stability of a heavy and heated vertical circular pla International Journal of Structural Stability and Dynamics, 2010, 10(5), 1111-1121. 2. V. Glavardanov, R. Maretic: Stability of a twisted and compressed rod supported by Cardan joints. European Journal of Mechanics A/Solids, 2009, 28			08 Fundamentals of Mechanics				(Z01) Safe	ety at Work, Undergraduate Academic Studies	
6. BMI127 Biomechanics (BM0) Biomedical Engineering, Undergraduate Academic Studies 7. II1004 Mechanics and Industrial Engineering (110) Industrial Engineering, Undergraduate Academic Studies 8. M44051 Theory of Plates and Shells (M40) Technical Mechanics and Technical Design, Undergraduate Academic Studies 9. M4501 Industrial Design (M40) Technical Mechanics and Technical Design, Undergraduate Academic Studies 10. M4505 Modelling of non-linear systems (M40) Technical Mechanics and Technical Design, Maste Academic Studies 11. DM403 Mathematical Rod Theory (M40) Technical Mechanics, Doctoral Academic Studies 12. ZRD16A Selected chapters in mechanics and elasticity theory (Z01) Safety at Work, Doctoral Academic Studies 12. ZRD16A Selected chapters in mechanics and elasticity theory (Z01) Safety at Work, Doctoral Academic Studies 13. Matrice, V. Glavardanov and V. Milosevic-Mitic: Transverse vibrations and stability of a heavy and heated vertical circular pla International Journal of Structural Stability and Dynamics, 2010, 10(5), 1111-1121. 2. V. Glavardanov, R. Maretic: Stability of a twisted and compressed rod supported by Cardan joints. European Journal of Mechanics A/Solids, 2009, 28, 131-140. 3. V. Glavardanov and R. Maretic: Stability of a twiste	5.	Z108					(ZC0) Clea	an Energy Technologies, Undergraduate Studies	
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8. M44031 Theory of Plates and Shells Undergraduate Academic Studies 9. M4501 Industrial Design (M40) Technical Mechanics and Technical Design, Maste Academic Studies 10. M4505 Modelling of non-linear systems (M40) Technical Mechanics and Technical Design, Maste Academic Studies 11. DM403 Mathematical Rod Theory (M00) Mechanical Engineering, Doctoral Academic Studies (OM1) Mathematics in Engineering, Doctoral Academic Studies (OM1) Mathematics in Engineering, Doctoral Academic Studies 12. ZRD16A Selected chapters in mechanics and elasticity theory (Z01) Safety at Work, Doctoral Academic Studies 14. R. Maretic, V. Glavardanov and V. Milosevic-Mitic: Transverse vibrations and stability of a heavy and heated vertical circular pla International Journal of Structural Stability and Dynamics, 2010, 10(5), 1111-1121. 2 V. Glavardanov, R. Maretic and N. Grahovac: Buckling of a twisted and compressed rod supported by Cardan joints. European Journal of Mechanics A/Solids, 2009, 28, 131- 140. 3 V. Glavardanov and R. Maretic: Stability of a twisted and compressed clamped rod. Acta Mechanica, 2009, 202, 17-33. 4 R. Maretic and V. Glavardanov: Impact of mounting with an overlap on vibration and stability of a rotating annular plate. Journal	7.	II1004	Mecha	nics and In	dustrial Engineering		. ,	strial Engineering, Undergraduate Academic	
9. M4501 Industrial Design Academic Studies 10. M4505 Modelling of non-linear systems (M40) Technical Mechanics and Technical Design, Master Academic Studies 11. DM403 Mathematical Rod Theory (M00) Mechanical Engineering, Doctoral Academic Studies (OM1) Mathematics in Engineering, Doctoral Academic Studies (OM1) Mathematics in Engineering, Doctoral Academic Studies 12. ZRD16A Selected chapters in mechanics and elasticity theory (Z01) Safety at Work, Doctoral Academic Studies 14. R. Maretic, V. Glavardanov and V. Milosevic-Mitic: Transverse vibrations and stability of a heavy and heated vertical circular pla International Journal of Structural Stability and Dynamics, 2010, 10(5), 1111-1121. 2. V. Glavardanov, R. Maretic and N. Grahovac: Buckling of a twisted and compressed rod supported by Cardan joints. European Journal of Mechanics A/Solids, 2009, 28, 131- 140. 3. V. Glavardanov and R. Maretic: Stability of a twisted and compressed clamped rod. Acta Mechanica, 2009, 202, 17-33. 4 R. Maretic and V. Glavardanov: Impact of mounting with an overlap on vibration and stability of a rotating annular plate. Journal	8.	M44051	Theory	y of Plates a	and Shells				
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 Journal of Mechanics A/Solids, 2009, 28, 131- 140. V. Glavardanov and R. Maretic: Stability of a twisted and compressed clamped rod. Acta Mechanica, 2009, 202, 17-33. R. Maretic and V. Glavardanov: Impact of mounting with an overlap on vibration and stability of a rotating annular plate. Journal 	1.	R. Mareti Internatio	c, V. Gla nal Jou	avardanov a rnal of Strue	and V. Milosevic-Mitic: Tra ctural Stability and Dynam	nsverse vibrati ics, 2010, 10(5	ions and sta i), 1111-112	bility of a heavy and heated vertical circular plate. 1.	
R. Maretic and V. Glavardanov: Impact of mounting with an overlap on vibration and stability of a rotating annular plate. Journal	2.								
	3.	V. Glavardanov and R. Maretic: Stability of a twisted and compressed clamped rod. Acta Mechanica, 2009, 202, 17-33.							
	4.					ith an overlap c	on vibration	and stability of a rotating annular plate. Journal of	

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AN A	Mail Ballon	FACULTY OF TECHNICAL SCI	ENCES 21000 NOVI	SAD, TRG DO	OSITEJA OBRADOVIĆA 6	STATE				
2200005		Study F	Study Programme Accreditation							
6	LANTEN	UNDERGRADUATE ACADEMIC	STUDIES	HOP.						
Rep	presentative re	efferences (minimum 5, not more th	an 10)		·					
5.	5. R. Maretic, V. Glavardanov and D. Radomirovic: Asymmetric vibrations and stability of a rotating annular plate loaded by a torque. Meccanica, 2007, 42, 537- 546.									
6.	R. Maretic, 2005, "Transverse vibration and stability of an eccentric rotating circular plate", Journal of Sound and Vibration 280, 467-478.									
7.		ic, V. B. Glavardanov, 2004, "Stabil Transactions of the ASME, 71, 897		ed Circular Pla	ate with Elastic Support", Journ	al of Applied				
8.		ic and T. M. Atanackovic, 2001, Jou Elastic Half-Space.	urnal of Engineering I	lechanics Vol	127, 242-247, Buckling of Colu	ımn with Base				
9.	L. Cvetican	in, R. Maretic, 2000., Mechanism a	nd Machine Theory 3	5, 1391-1411.	Dynamic analysis of a cutting r	nechanism.				
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.									
Sur	mmary data fo	r teacher's scientific or art and profe	essional activity:							
Quot	tation total :		25							
Tota	I of SCI(SSCI)	list papers :	14							
Curre	ent projects :		Domestic :	1	International :	0				



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

A REAL PROPERTY OF

Study Programme Accreditation

UNDERGRADUATE ACADEMIC STUDIES

Production Engineering

Name and last name:						Marković D. Vidan				
	emic title:					Associate Pro				
Nam	e of the inst	itution v	vhere the te	eacher works full time	ne and	-				
	ng date:									
	ntific or art f					Production Sy	vstems, Org	anization and Management		
Acad	emic caries	er	Year	Institution				Field		
Acad	emic title e	ection:	2011	Faculty of Technic	cal Scier	nces - Novi Sa	ad	Production Systems, Organiza Management	tion and	
PhD	PhD thesis 1999 Faculty of Sciences - N						Informatics			
Magi	ster thesis		1994	Faculty of Technic				Computer Science		
	elor's thesis		1990	Faculty of Technic				Automatic Control and System	Engineering	
List c	of courses b	eing he	ld by the te	acher in the accredit	ted stud	dy programme	s			
	ID	D Course name					Study pro	gramme name, study type		
1.	IM1314	Compu	uter aided p	project management	t		(I20) Engin Studies	eering Management, Undergrac	luate Academic	
2.	IM1719	Implen	nentation o	f information system	ns in ins	urance	(I20) Engin Studies	eering Management, Undergrac	luate Academic	
							(P00) Proo Studies	duction Engineering, Undergrad	uate Academic	
3.	3. SE0017 Software Development Metrodologies			S			tware Engineering and Information uate Academic Studies	on Technologies,		
							(SEL) Sof Loznica, U	tware Engineering and Information ndergraduate Academic Studies	on Technologies -	
4.	4. SES101 Software Engineering Economy						tware Engineering and Information uate Academic Studies	on Technologies,		
4.	4. SES101 Software Engineer						tware Engineering and Information ndergraduate Academic Studies			
5.	F402	Electronic Publishing					(F00) Gra Studies	phic Engineering and Design, M	aster Academic	
6.	E2537	IT Res	ources Ma	nagement			(SE0) Software Engineering and Information Technologies Master Academic Studies			
7.	IM2317	IT Proj	ject manag	ement			(I20) Engineering Management, Master Academic Studies			
8.	IM2321	Manag	gement of p	roject oriented enter	rprises		(I20) Engineering Management, Master Academic Studies			
9.	IM2714	Disast	er risk man	agement cycle			(I20) Engineering Management, Master Academic Studies			
Rep				num 5, not more tha						
1.	method,	NTERN		JOURNAL OF SOFT				ement based on the six-step ser NOWLEDGE ENGINEERING, 20		
2.								Changes in Athlets and Predictor and Physical Fitness, ISSN 002		
3.				R.: A contribution to s . 3277-3288, 2010, I			ovement ba	sed on LSP method, African jou	rnal of business	
4.	Marković	, V., Pril	og sistema	tskom podizanju CM	/M nivo	a poduzeća, S	Svijet Osigu	ranja, listopad 2005., pp. 43–46		
5.		,						IAGEMENT BASED ON ITIL IMI Oktobar, 2012, pp. 185-188	PLEMENTATION,	
6.	Marković	, V., Info	ormatičko s	azrevanje kompanije	e, Želnio	d, Beograd, st	tr. 363, 2006).		
7.	Marković	V., Adv	antage soft	ware for health insu	irance, (Green Shield	Canada, Wi	ndsor, Ontario, Canada, pp. 15,	2001.	
8.										
9.			•	.			-	Vindsor, Ontario, Canada, pp. 17	7. 1996	
10.	Marković	V., A C	ontribution	to Applying Layer Pa	attern ir			Architecture, XV Conference on	·	
Mathetaics, PRIM2002, Zlatibor, str 63-75, 2002. Summary data for teacher's scientific or art and professional activity:										
	ation total :				0	soundy.				
	of SCI(SS	CI) list p	apers :		3					
Curre	Current projects : Dom					stic :	0	International :	0	



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

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Study Programme Accreditation

UNDERGRADUATE ACADEMIC STUDIES

Production Engineering

Name	e and last n	ame [.]			Marković Milan			
_	emic title:				Guest Profess			
		itution wh	ere the te	acher works full time and	-			
-	ng date:							
Scier	ntific or art fi	ield:			Computer Sci	ence		
Acad	emic cariee	er	Year	Institution			Field	
	emic title el							
List o	of courses b	eing held	by the tea	cher in the accredited stu	udy programme	S		
	ID	Course r	name			Study pro	gramme name, study type	
						Academic S		
						Studies	desy and Geomatics, Undergraduate Academic	
1.	1. E233 Internet Networks				Undergradu	ware Engineering and Information Technologies, uate Academic Studies		
						Loznica, Ur	ware Engineering and Information Technologies - ndergraduate Academic Studies	
						Engineering	er, Electronic and Telecommunication g, Undergraduate Academic Studies	
2.	2. F501 WEB Design					Academic S		
		-	<u> </u>			(F10) Engineering Animation, Undergraduate Academic Studies		
3.	ISIT28	Informac	ciona bezb	ednost		(SII) Software and Information Technologies (Inđija), Undergraduate Professional Studies		
4.	BMI95	Introduct	tion to Cor	mputer Science		(BM0) Biomedical Engineering, Undergraduate Academic Studies		
						Academic S		
						Undergradu	asurement and Control Engineering, uate Academic Studies	
5.	SE0001	Introduct	tion to Pro	gramming		(P00)Proc Studies	duction Engineering, Undergraduate Academic	
						Undergradu	ware Engineering and Information Technologies, uate Academic Studies	
						Loznica, Ur	ware Engineering and Information Technologies - ndergraduate Academic Studies	
6.	SE0011	Introduct	tion to Sof	tware Engineering		Undergradu	ware Engineering and Information Technologies, uate Academic Studies	
Ŭ.	020011					Loznica, Ur	ware Engineering and Information Technologies - ndergraduate Academic Studies	
						Studies	duction Engineering, Undergraduate Academic	
7.	SE0017	Software	e Developi	ment Metrodologies			ware Engineering and Information Technologies, uate Academic Studies	
						(SEL) Soft Loznica, Ur	ware Engineering and Information Technologies - ndergraduate Academic Studies	
8.	SE0024	Software	Construc	tion and Testing			ware Engineering and Information Technologies, uate Academic Studies	
0.	020024	Contrait				(SEL) Software Engineering and Information Technologies - Loznica, Undergraduate Academic Studies		
						Studies	duction Engineering, Undergraduate Academic	
9.	SE239A	Web pro	Web programming				ware Engineering and Information Technologies, uate Academic Studies	
							ware Engineering and Information Technologies - ndergraduate Academic Studies	

AN'UNIVER	TAS STUDIO	FACULTY OF TECHNICAL SCI	UNIVERSITY OF NOVI SAD FACULTY OF TECHNICAL SCIENCES 21000 NOVI SAD, TRG DOSITEJA OBRADOVIĆA 6 Study Programme Accreditation UNDERGRADUATE ACADEMIC STUDIES Production Engineering						
List o	of courses b	being held by the teacher in the accred	dited study programme	S					
	ID	Course name		Study program	me name, study type				
10.	E2522	2 Software Standardization and Qualit	y	 (E20) Computing and Control Engineering, Master Academic Studies (MR0) Measurement and Control Engineering, Master Academic Studies (SE0) Software Engineering and Information Technologies, Master Academic Studies (E10) Power, Electronic and Telecommunication Engineering, Master Academic Studies 					
11.	SEM009	Identity Management		(SE0) Software Engineering and Information Technologies, Master Academic Studies					
12.	SEM017	7 Information Security		(SE0) Software Engineering and Information Technologies, Master Academic Studies					
Rep	oresentative	ve refferences (minimum 5, not more th	an 10)						
Sur	Summary data for teacher's scientific or art and professional activity:								
Quot	tation total :	:							
Tota	l of SCI(SS	SCI) list papers :							
Curre	ent projects	ts :	Domestic :		International :				



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Study Programme Accreditation

UNDERGRADUATE ACADEMIC STUDIES

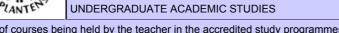
Production Engineering

Name and last name:					Mihailović P. Biljana			
	emic title:				Assistant Professor			
Nam	e of the inst	titution w	here the te	acher works full time and	Faculty of Technical Sciences - Novi Sad			
-	ng date:				15.03.1999			
Scier	ntific or art f	ield:			Mathematics			
Acad	emic caries	er	Year	Institution			Field	
Acad	emic title e	lection:	2010	Faculty of Technical Sci	ences - Novi Sa	ad	Mathematics	
PhD	thesis		2009	Faculty of Sciences - No	ovi Sad		Mathematical Sciences	
Magi	ster thesis		2003	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 hel	d by the tea	acher in the accredited stu	idy programme	s		
	ID	Course	e name			Study pro	gramme name, study type	
1.	E135	Probat	oility, Statis	tics and Stochastic Proces	sses	Undergrad (E10) Pow	asurement and Control Engineering, uate Academic Studies er, Electronic and Telecommunication	
						(E20) Con	g, Undergraduate Academic Studies nputing and Control Engineering, Undergraduate	
2.	E212	2 Mathematical Analysis 1					Studies tware Engineering and Information Technologies, uate Academic Studies	
						(SEL) Soft	tware Engineering and Information Technologies - ndergraduate Academic Studies	
						(E20) Computing and Control Engineering, Undergraduate Academic Studies		
3.	E213	Discrot	to Mathoma	atics and Linear Algebra			asurement and Control Engineering, uate Academic Studies	
5.		Discrete Mathematics and Linear Algebra				(SE0) Software Engineering and Information Technologie Undergraduate Academic Studies		
						(SEL) Software Engineering and Information Technologies - Loznica, Undergraduate Academic Studies		
		Probability and Stochastic Processes				Academic		
4.	E224A					Academic		
						Undergrad	tware Engineering and Information Technologies, uate Academic Studies	
						Loznica, U	tware Engineering and Information Technologies - ndergraduate Academic Studies	
5.	EOS07	Mather	matics 2			Energy, Ur	ver Engineering - Renewble Sources of Electrical ndergraduate Professional Studies	
						Undergrad	chanization and Construction Engineering, uate Academic Studies	
6.	M102	Mather	matics 1			Academic		
						Undergrad	chnical Mechanics and Technical Design, uate Academic Studies	
						Studiés	duction Engineering, Undergraduate Academic	
7.	E102	Mather	matical Ana	Ilysis 1		Academic		
			-	-		Undergrad	asurement and Control Engineering, uate Academic Studies	
8.	BMI91	Mather	matics 1			Studies	medical Engineering, Undergraduate Academic	
9.	BMI92	Mathematics 2				(BM0) Biomedical Engineering, Undergraduate Academic Studies		
10.	E102A	Mathematical Analysis 1					ver, Electronic and Telecommunication g, Undergraduate Academic Studies	



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

Study Programme Accreditation



List o	List 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					
12.	DZ01MS	Selected Chapters in Mathematics	 (E11) Power, Electronic and Telecommunication Engineering, Specialised Academic Studies (I12) Industrial Engineering, Specialised Academic Studies (I22) Engineering Management, Specialised Academic 					
			Studies (Z00) Environmental Engineering, Specialised Academic Studies					
13.	1004/S	Statistical Quantitative Methods	(120) Engineering Management, Specialised Professional Studies					
			(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 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					
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		e refferences (minimum 5, not more than 10)	ve and monotone functional by two Sugeno integrals, Fuzzy					
1.	Sets and	Systems 155, (2005) 77-88						
2.	22, (2010	0) 2857-2869	ne real set functions, Fuzzy Sets and Systems, Vol 161, Issue					
3.	functions	ović, E. Pap: Asymmetric integral as a limit of generated Ch , Fuzzy Sets and Systems 181, (2011) 39-49.						
4.	161-173.		Polytechnica Hungarica, Volume 6, Issue Number 1, (2009)					
5.		., Manzi M., Mihailović B.: Choquet integrals and T-supermo ons, TIEI 3, DOI: 10.1007/978-3-642-33959-2 4 c Springer-\						

SITAS STUD			INKWX 4					
AN A	NOR COL	FACULTY OF TECHNICAL SCI	ENCES 21000 NOVI	SAD, TRG DOSII	TEJA OBRADOVIĆA 6	STAT		
120000		Study F	Study Programme Accreditation					
of	LANTER	UNDERGRADUATE ACADEMIC S	STUDIES		Production Engineering	HO		
Rep	presentative re	efferences (minimum 5, not more th	an 10)					
6.	B. Mihailović, Lj. Nedović, T. Grbić : The induced Sugeno integral-based operator w.r.t bi-fuzzy measures, Journal of Electrical Engineering, Vol.54, No. 12/s, (2003) 76-79.							
7.	B. Mihailović, E. Pap: Non-monotonic set functions and general fuzzy integrals, Proceedings of SISY 2008, Subotica, (2008) 371- 374.							
8.	B. Mihailovi 187-191.	ć: On the class of symmetric S-sep	arable aggregation fur	nctions Proceedin	igs of AGOP 2007, Ghent, I	Belgium, (2007)		
9.	B. Mihailović, E. Pap: Decomposable signed fuzzy measures, Proceedings of EUSFLAT 2007, Ostrava, Czech Republic, (2007) 265-269.							
10.	B. Mihailović, M. Manzi: On the asymmetric Shilket-like integral, Proceedings of AGOP2011, Benevento, Italy, (2011) 73-77.							
Sur	nmary data fo	r teacher's scientific or art and profe	essional activity:					
Quot	ation total :		10					
Tota	of SCI(SSCI)	list papers :	4					
Current projects :			Domestic :	2	International :	0		



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

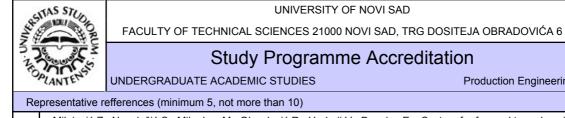
STATES TO STATES

Study Programme Accreditation

UNDERGRADUATE ACADEMIC STUDIES

Production Engineering

Name and last name:					Milojević D. Zoran			
	lemic title:				Assistant Professor			
		itution v	vhere the te	eacher works full time and				
	ng date:				27.10.1997			
Scier	ntific or art f	ield:			Machine Elements, Construction Principles, Machine and Mechanizm			
Acad	lemic cariee	er	Year	Institution			Field	
Acad	lemic title el	ection:	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	\$	1995	Faculty of Technical Sci	ences - Novi S	ad	Automatic Control and System 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.	EOS03		mentals in I nts and Mat	Mechanical Engineering(N terials)	lachine	Energy, Ur	ver Engineering - Renewble Sources of Electrical ndergraduate Professional Studies	
2.	F202	Funda	mentals in	Mechanical Engineering		Academic		
						Undergrad	chanization and Construction Engineering, uate Academic Studies	
3. M108		Engine	Engineering Graphic Communications			Academic		
						Undergrad	chnical Mechanics and Technical Design, uate Academic Studies	
						(P00)Pro Studies	duction Engineering, Undergraduate Academic	
4.	M2610	Graph	ic Commun	ications and CAD			chatronics, Undergraduate Academic Studies	
5.	S012	Descri	ptive Geom	etry and Engineering Dra	wing	Academic		
					-	(S01) Postal Traffic and Telecommunications, Undergraduate Academic Studies		
6.	IA013	Interac	ctive Engine	eering Graphics		(F10) Engineering Animation, Undergraduate Academic Studies		
7.	ZC007	Engine	eering Grap	hic Communications		Academic		
8.	M2511		dology of D	•		Àcadémic		
9.	AID04	· · ·		age in the virtual environn	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.		c Journa	al of Manufa				ENT OF VIRTUAL MANUFACTURING", itehnica, Timisoara, Romania, pp: 48-54, 2007.	
3.							FOR REAL'TIME VERIFICATION OF NC ccuracy Increasing problems, Wroclaw, 2007.	
4.	Series Ar	chitectu	re and Civi	Engineering, Vol. 3, No.2	2, Niš 2005., pp	. 195-207	OMPUTER GEOMETRY, Facta Universitatis,	
5.	Milojević, Z., Zeljković, M., Navalušić, S., Milisavljević, B., Gatalo, R.:" ANALYSIS OF THE ISOPARAMETRIC HEXAHEDRAL							
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	





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



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



Study Programme Accreditation

UNDERGRADUATE ACADEMIC STUDIES

Production Engineering

Name and last name:					Milosavljević R. Gordana				
	emic title:				Assistant Professor				
		titution v	vhere the te	acher works full time and	Faculty of Technical Sciences - Novi Sad				
	ng date:				01.12.1995				
	ntific or art f				Applied Computer Science and Informatics				
	emic caries		Year	Institution			Field		
	emic title el	lection:	2010	Faculty of Technical Sci	ences - Novi Sa	ad	Applied Computer Science and Informatics		
	thesis		2010	Feaulty of Technical Cai		- d	Computer Science		
	ster thesis elor's thesis		2001 1995	Faculty of Technical Science Faculty of Technical Science			Computer Science Computer Science		
				acher in the accredited stu					
	ID		e name				ogramme name, study type		
						(E20) Con Academic	nputing and Control Engineering, Undergraduate Studies		
1.	E242	Softwa	are Specific	ation and Modeling		Undergrad	tware Engineering and Information Technologies, luate Academic Studies		
						Loznica, U	tware Engineering and Information Technologies - Indergraduate Academic Studies		
2.	F209	Multim	edia			Academic			
						Academic			
3.	RI53	Business Information Systems				(SE0) Software Engineering and Information Technologies Undergraduate Academic Studies			
						Loznića, U	tware Engineering and Information Technologies - ndergraduate Academic Studies		
4.	ISIT08	Object oriented programming fundamentals				Undergrad	vare and Information Technologies (Inđija), uate Professional Studies		
5.	ISIT12	Osnov	e informaci	onih sistema			Software and Information Technologies (Inđija), rgraduate Professional Studies		
6.	ISIT22	Osnov	e baza pod	ataka			vare and Information Technologies (Inđija), uate Professional Studies		
7.	ISIT26	Upravl	janje projek	tima		(SII) Software and Information Technologies (Inđija), Undergraduate Professional Studies			
8.	ISIT27	Osnov	e softverski	h arhitektura		Undergrad	vare and Information Technologies (Inđija), uate Professional Studies		
9.	ISIT35	Poslov	vna informat	tika			vare and Information Technologies (Inđija), uate Professional Studies		
10.	ISIT37	Konfig	urisanje i ad	dministracija baza podatal	ka		vare and Information Technologies (Inđija), uate Professional Studies		
11.	SE0016	Databa	ases			Undergrad	tware Engineering and Information Technologies, luate Academic Studies		
	020010	Databa					tware Engineering and Information Technologies - ndergraduate Academic Studies		
						Studies	duction Engineering, Undergraduate Academic		
12.	SE0017	Softwa	are Develop	ment Metrodologies			tware Engineering and Information Technologies, luate Academic Studies		
							tware Engineering and Information Technologies - Indergraduate Academic Studies		
13.	SES202	Model	Driven Soff			· · ·	tware Engineering and Information Technologies, luate Academic Studies		
13.	5202	Model Driven Software Development					tware Engineering and Information Technologies - ndergraduate Academic Studies		
14.	SES204	Advan	ced Program	mming Tecnics		(SE0) Sof Undergrad	tware Engineering and Information Technologies, luate Academic Studies		
(4.	020204	Auvali					tware Engineering and Information Technologies - ndergraduate 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 program	me name, study type			
15.	E2508	Agile Software Development Method	tology	(E20) Computin Academic Studie	g and Control Engineering, I es	Vlaster		
10.	L2500	Aglie Software Development Method	lology	(SE0) Software Master Academi	Engineering and Informatior c Studies	n Technologies,		
16.	DRNI08	Selected Topics in Information Syste	ems	(E20) Computin Academic Studie	g and Control Engineering, I es	Doctoral		
17.	DRNI12	Selected Topics in Contemporary So Methods	oftware Development	(E20) Computin Academic Studie	g and Control Engineering, I es	Doctoral		
		Methods		(F20) Engineeri	ng Animation, Doctoral Acad	lemic Studies		
Rep	oresentative	e refferences (minimum 5, not more th	an 10)					
1.		avljević, M. Vidaković, S. Komazec, G ate Form Representations. Principles				a Models Using		
2.	B. Milosavljević, M. Vidaković, S. Komazec, G. Milosavljević: User Interface Code Generation for Data-Intensive Applications with EJB-Based Data Models, Software Engineering Research and Practice (SERP"03), Las Vegas, USA, 2003							
3.	3. G. Milosavljević, B. Perišić: Really Rapid Prototyping of Large-Scale Business Information Systems, IEEE International Workshop on Rapid System Prototyping, San Diego, USA, 2003							
4.	Milosavljević G., Ivanović D., Milosavljević B., Surla D.: Automated Construction of the User Interface for a CERIF-Compliant Research Management System, The Electronic Library, 2011, Vol. 29, No 5, pp. 565-588, ISSN 0264-0473							
5.		., Milosavljević G., Dejanović I., Milosa r Science and Information Systems (C				Applications,		
6.		D., Milosavljević G., Milosavljević B., S I Format, Program: Electronic Library						
7.		ć I., Milosavljević G., Tumbas Živanov Applications, Computer Science and						
8.		ć I., Perišić B., Milosavljević G., Striče nal Workshop on Model-Based Softw				artifacts. In 3rd		
9.	Milosavljević G., Dejanović I., Perišić B.: Ready for the industry: A practical approach to teaching mde. In 7th Educators							
10.	Dejanović I., Tumbas Živanov M., Milosavljević G., Perišić B.: Comparison of Textual and Visual Notations of DOMMLite Domain- Specific Language, 14. Advances in Databases and Information Systems, Novi Sad, 20-24 Septembar, 2010, pp. 20-24							
Sur	nmary data	for teacher's scientific or art and profe	essional activity:					
Quot	ation total :		0					
Total	of SCI(SS	CI) list papers :	0					
Curre	Current projects : Domestic : 0 International : 0							



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



Study Programme Accreditation

UNDERGRADUATE ACADEMIC STUDIES

Production Engineering

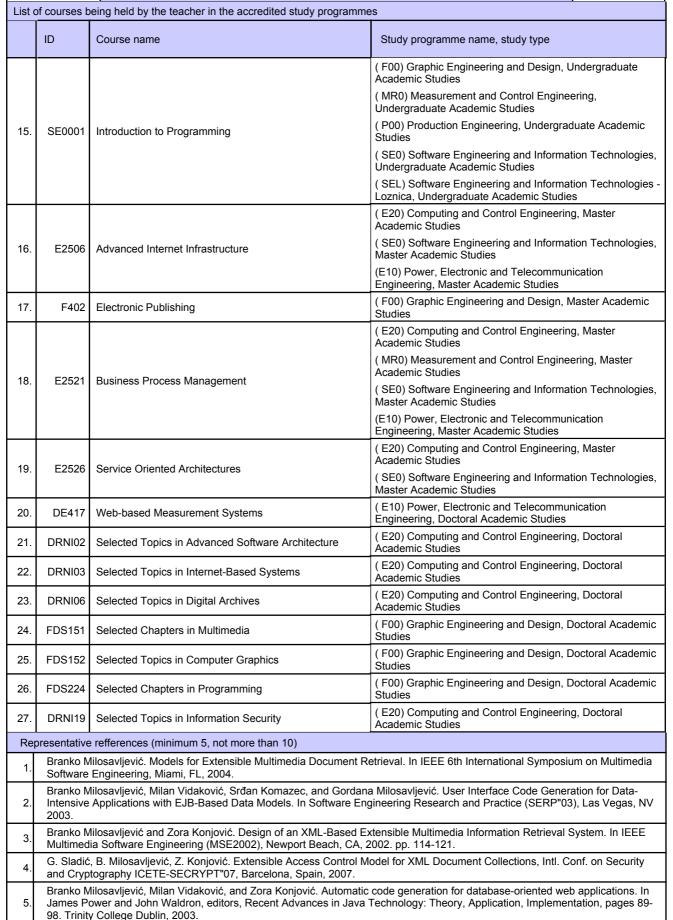
Name and last name: Milosavlievid					ć P. Branko			
	emic title:	ane.			Milosavljević P. Branko Associate Professor			
		titution v	vhere the te	acher works full time and		y of Technical Sciences - Novi Sad		
-	ng date:				01.10.1998			
Scier	ntific or art f	ield:			Applied Com	pplied Computer Science and Informatics		
Acad	emic cariee	er	Year	Institution			Field	
Acad	emic title e	lection:	2009	Faculty of Technical Sci	ences - Novi Sa	ad	Applied Computer Science and Informatics	
PhD	thesis		2003	Faculty of Technical Sci	ences - Novi Sa	ad	Applied Computer Science and Informatics	
Magi	ster thesis		1999	Faculty of Technical Sci	ences - Novi Sa	ad	Applied Computer Science and Informatics	
Bach	elor's thesis	s	1997	Faculty of Technical Sci	ences - Novi Sa	ad	Applied Computer Science and Informatics	
List o	f courses b	eing he	ld by the tea	acher in the accredited stu	udy programme	s		
	ID	Course	e name			Study pro	gramme name, study type	
						Academic (MR0) Me	nputing and Control Engineering, Undergraduate Studies asurement and Control Engineering, uate Academic Studies	
1.	E2E40	40 XML and WEB Services				(SE0) Soff Undergrad	tware Engineering and Information Technologies, uate Academic Studies	
							tware Engineering and Information Technologies - ndergraduate Academic Studies	
		41 E-Business Systems Security				(E20) Computing and Control Engineering, Undergraduate Academic Studies		
2.	E2E41						asurement and Control Engineering, uate Academic Studies	
2.						(SE0) Software Engineering and Information Technologies Undergraduate Academic Studies		
							tware Engineering and Information Technologies - ndergraduate Academic Studies	
3.	F209	Multim	edia			(F00) Gra Academic	phic Engineering and Design, Undergraduate Studies	
4.	F214I2	Raster	Graphics			(F00) Graphic Engineering and Design, Undergraduate Academic Studies		
5.	GI100	Compu	uter Practic	um		(GI0) Geodesy and Geomatics, Undergraduate Academic Studies		
6.	RI41	Interne	et Software	Architectures		(E20) Computing and Control Engineering, Undergraduate Academic Studies		
-	SE144	Interne	at Software	Architocturoo		(SE0) Soft Undergrad	tware Engineering and Information Technologies, uate Academic Studies	
7.	SEI41	merne		Architectures			tware Engineering and Information Technologies - ndergraduate Academic Studies	
8.	ISIT03	Introdu	uction to Pro	ogramming			vare and Information Technologies (Inđija), uate Professional Studies	
9.	ISIT08	Object	oriented pr	ogramming fundamentals			vare and Information Technologies (Inđija), uate Professional Studies	
10.	ISIT22	Osnov	e baza pod	ataka			vare and Information Technologies (Inđija), uate Professional Studies	
11.	ISIT28	Inform	aciona bezl	pednost			vare and Information Technologies (Inđija), uate Professional Studies	
12.	ISIT29	XML T	echnologie	S		Undergrad	vare and Information Technologies (Inđija), uate Professional Studies	
13.	BMI95	Introdu	uction to Co	to Computer Science (I St			medical Engineering, Undergraduate Academic	
14.	EIWDS	WDS Web-based Measurement and Data Acquisition System		ition Systems	(MR0) Measurement and Control Engineering, Undergraduate Academic Studies (E10) Power, Electronic and Telecommunication			
							g, Undergraduate Academic Studies	



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

Study Programme Accreditation

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 **Production Engineering** Representative refferences (minimum 5, not more than 10) Danijela Tešendić, Branko Milosavljević, and Dušan Surla. A library circulation system for city and special libraries. The Electronic 6 Library, 27(1):162-186, 2009. ISSN: 0264-0473, DOI: 10.1108/02640470910934669. Jelena Radjenović, Branko Milosavljević, and Dušan Surla. Modelling and implementation of catalogue cards using FreeMarker. 7 Program: electronic library and information systems, 43(1):62-76, 2009. ISSN: 0033-0337, DOI: 10.1108/00330330910934110. Milan Vidaković, Branko Milosavljević, Zora Konjović, and Goran Sladić. Extensible Java EE-based agent framework and its 8 application on distributed library catalogues. Computer Science and Information Systems (ComSIS), 6(2):1-28, 2009. ISSN: 1820-0214, DOI: 10.2298/csis0902001V. Aleksandar Kovačević, Branko Milosavljević, Zora Konjović, and Milan Vidaković. Adaptive content-based music retrieval system. Multimedia Tools and Applications, 47(3):525-544, 2010. ISSN: 1380-7501, DOI: 10.1007/s11042-009-0336-2. 9 Bojana Dimić, Branko Milosavljević, and Dušan Surla. XML schema for UNIMARC and MARC 21. The Electronic Library, 10. 28(2):245-262, 2010. ISSN: 0264-0473, DOI: 10.1108/02640471011033611. Summary data for teacher's scientific or art and professional activity Quotation total : 0 Total of SCI(SSCI) list papers : 15 Current projects Domestic : 2 International :



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



Study Programme Accreditation

UNDERGRADUATE ACADEMIC STUDIES

Production Engineering

Name and last name:					Milošević P. Mijodrag			
Academic title:					Assistant Professor			
Name	e of the inst	itution v	where the te	eacher works full time and	Faculty of Technical Sciences - Novi Sad			
starti	ng date:				01.03.1998			
Scier	ntific or art f	ield:		2	Tecnological	Process De	sign and Optimization and Technical Preparation	
Acad	emic cariee	er	Year	Institution			Field	
Acad	emic title el	ection:	2012	Faculty of Technical Sci	ences - Novi S	ad	Tecnological Process Design and Optimization and Technical Preparation for Manufacturing	
PhD	thesis		2012	Faculty of Technical Sci	ences - Novi S	ad	Technological Processes, Techno-Economic Optimization and Virtual Design	
Magi	ster thesis		2005	Faculty of Technical Sci	ences - Novi S	ad	Technological Processes, Techno-Economic Optimization and Virtual Design	
Bach	elor's thesis	6	1997	Faculty of Technical Sci	ences - Novi S	ad	Metrology, Quality, Fixtures and Ecological- Engineering Aspects	
List o	f courses b	eing he	ld by the te	acher in the accredited stu	udy programme	es		
	ID	Course	e name			Study pro	gramme name, study type	
1.	P1403	Integra	ated CAPP	Systems and Technologic	al Database	(P00)Proo Studies	duction Engineering, Undergraduate Academic	
2.	P1503	Techn	ological Log	gistics and Entrepreneursh	nip	(P00) Proo Studies	duction Engineering, Undergraduate Academic	
3.	P308	Proces	ss Planning			(P00) Proo Studies	duction Engineering, Undergraduate Academic	
4.	P4408	Entrepreneurship in Small and Medium Enterpr			erprises	(P00) Proo Studies	00) Production Engineering, Undergraduate Academic dies	
5.	P320	Technological Preparation of Production in Preci Engineering			Precision	(P00)Proo Studies	duction Engineering, Undergraduate Academic	
6.	GM502	Management in Construction				(G00) Civil	Engineering, Master Academic Studies	
7.	P1506	Internet Technologies in Production Engineering			ering	(PM0) Pro	duction Engineering, Master Academic Studies	
8.	P315		ent Proces			(PM0) Pro	duction Engineering, Master Academic Studies	
9.	PLIS1	Logisti Proces		ulation in Technologies of	Plastics	(PM0)Pro	duction Engineering, Master Academic Studies	
10.	SM1			ware Tools for Collaborati	-	(PM0)Pro	duction Engineering, Master Academic Studies	
11.	DP001	Engine	eering	arch Methods in Productic	on	(M00) Mechanical Engineering, Doctoral Academic Studies		
12.	DP017			s in e-Manufacturing		(M00) Mechanical Engineering, Doctoral Academic Studies		
13.	DP018	Prepa	ration of Pro		ogical	(M00) Mechanical Engineering, Doctoral Academic Studies		
14.	DP022		orative Eng	-		(M00) Mechanical Engineering, Doctoral Academic Studies		
15.	ZRD232	<u> </u>		ecurity Services and Healt	h at Work	(Z01) Safe	ety at Work, Doctoral Academic Studies	
Rep	oresentative	reffere	nces (minin	num 5, not more than 10)				
1.							ding Tool Vibrations of Tool Wear and Chip Slovakia, 21th 23th June 2012.	
2.				ić, J., Milošević, M., Lukić, talurgija, ISSN 0543-5846			thod for Evaluation and Selection of Flexible 3, 2012.	
3.				c, M., Lukić, D., Milošević, 6, Vol. 51, No. 2, pp. 269-		d Economic	Justification of Group Blanks Application,	
4.							lanks in CAPP System for Parts of Piston- 5, Vol. 51, No. 1, pp. 75-78, 2012.	
5.							cess Planning, Journal of Production Engineering, nent of Production Engineering, Novi Sad, 2012.	
6.				., Milošević, M., Borojević Ianufacturing, Metalurgija			omputer-Aided Process Planning (CAPP) System No.4, pp. 273-277, 2011.	
7.							ocess Planning, 34th International Conference on oculty of Mechanical Engineering, Niš, September	
8.				e, D., Milošević, M.: Tehno ovi Sad, 2011.	loška logistika	i preduzetni	štvo, FTN Izdavaštvo, ISBN 978-86-7892-368-5,	



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

Study Programme Accreditation

Production Engineering

UNDERGRADUATE ACADEMIC STUDIES Representative refferences (minimum 5, not more than 10) Milošević, M., Todić, V., Lukić, D.: Model Development of Collaborative System for Process Planning, Proceedings of The International Scientific Conference "Flexible Technologies" - MMA, ISBN 978-86-7892-223-7, pp. 170 - 173, Faculty of Technical 9 Science, Department for Production Engineering, Novi Sad, October 2009. Todić, V., Lukić, D., Stević, M., Milošević, M.: Integrated CAPP System for Plastic Injection Mold Manufacturing, Materiale 10. Plastice, ISSN 0025-5289, Vol. 45, No. 4, pp. 381-389, 2008. Summary data for teacher's scientific or art and professional activity: Quotation total : 8 Total of SCI(SSCI) list papers : 5 Current projects Domestic : 0 International : 2



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



Study Programme Accreditation

UNDERGRADUATE ACADEMIC STUDIES

Production Engineering

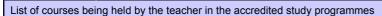
Nom	e and last n	ame.			Mirović Đ. Iva	na		
	e and last n emic title:	ane:						
		titution	where the to	acher works full time and				
-	ng date:				01.04.1990			
	ntific or art f	ield:			English			
Acad	Academic carieer Year Institution					Field		
Acad	emic title el	lection:	2010	Faculty of Technical Sci	ences - Novi Sa	ad	English	
Bach	elor's thesis	S	1984	Faculty of Philosophy - I	Novi Sad		English	
List c	of courses b	eing he	ld by the tea	acher in the accredited stu	udy programme	S		
	ID	Course	e name			Study pro	ogramme name, study type	
1.	AEJ1L	Englisi	h Language	e - Elementary		(A00) Arch	hitecture, Undergraduate Academic Studies	
2.	AEJ2L	Englis	h Language	e intermediate		(A00) Arch	hitecture, Undergraduate Academic Studies	
3.	AEJ2Z	Englis	h intermedia	ate		(A00) Arch	hitecture, Undergraduate Academic Studies	
4.	AEJ3Z	Englisi	h Language	e - upper intermediate		(A00) Arch	hitecture, Undergraduate Academic Studies	
						(G00) Civi	il Engineering, Undergraduate Academic Studies	
	EJ01L						chanization and Construction Engineering, luate Academic Studies	
						(M30) Ene Academic	ergy and Process Engineering, Undergraduate Studies	
5.		English Language – Elementary				(M40) Technical Mechanics and Technical Design, Undergraduate 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, Undergraduat Academic Studies (MR0) Measurement and Control Engineering, Undergraduate Academic Studies 		
		English Language - Elementary						
6.	EJ01Z				(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) Envir Studies	ronmental Engineering, Undergraduate Academic	
							ver, Electronic and Telecommunication g, Undergraduate Academic Studies	
					(F00) Graphic Engineering and Design, Unde Academic Studies			
						Undergrad	chanization and Construction Engineering, uate Academic Studies	
7.	EJ02L	Englisi	English Language – Pre-Intermediate			(MR0) Measurement and Control Engineering, Undergraduate Academic Studies		
						(Z01) Safety at Work, Undergraduate Academic Studies		
						(ZC0) Clea	an Energy Technologies, Undergraduate Studies	
							aster Risk Management and Fire Safety, luate 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



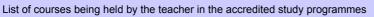
LISU	ist of courses being held by the teacher in the accredited study programmes							
	ID	Course name	Study programme name, study type					
			 (110) Industrial Engineering, Undergraduate Academic Studies (120) Engineering Management, Undergraduate Academic 					
8.	EJ02Z	English Language – Pre-Intermediate	Studies					
0.	LJUZZ	° ° °	(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					
		English Language - Elementary	(F10) Engineering Animation, Undergraduate Academic Studies					
11.	EJ1Z		(GI0) Geodesy and Geomatics, Undergraduate Academic Studies					
			(SE0) Software Engineering and Information Technologies, Undergraduate Academic Studies					
			(SEL) Software Engineering and Information Technologies - Loznica, Undergraduate Academic Studies					
			(AH0) Architecture, Master Academic Studies					
			(E20) Computing and Control Engineering, Undergraduate Academic Studies					
			(F10) Engineering Animation, Undergraduate Academic Studies					
12.	EJ2L	English Language – Intermediate	(GI0) Geodesy and Geomatics, Undergraduate Academic Studies					
			(SE0) Software Engineering and Information Technologies, Undergraduate Academic Studies					
			(SEL) Software Engineering and Information Technologies - Loznica, Undergraduate Academic Studies					



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Study Programme Accreditation

UNDERGRADUATE ACADEMIC STUDIES



	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					
		Fasilish Language - FCD Course	(M30) Energy and Process Engineering, Undergraduate Academic Studies					
23.	EJM	English Language – ESP Course	(M40) Technical Mechanics and Technical Design, Undergraduate Academic Studies					
			(P00) Production Engineering, Undergraduate Academic Studies					
24.	EJPST	English Language in Postal Traffic	(S01) Postal Traffic and Telecommunications, Undergraduate Academic Studies					
25.	EJSIT	English Language in Traffic and Transport	(S00) Traffic and Transport Engineering, Undergraduate Academic Studies					
26.	EJZ	English Language - Specialized	(Z20) Environmental Engineering, Undergraduate Academic Studies					
27.	F320	English Language – ESP Course 1	(F00) Graphic Engineering and Design, Undergraduate Academic Studies					
28.	F321	English Language – ESP Course 2	(F00) Graphic Engineering and Design, Undergraduate Academic Studies					
29.	ISIT07	English Language 2	(SII) Software and Information Technologies (Inđija), Undergraduate Professional Studies					
30.	ASI381	English language 1	(AS0) Scenic Architecture, Technique and Design, Undergraduate Academic Studies					



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

DOVIĆA 6

Study Programme Accreditation

UNDERGRADUATE ACADEMIC STUDIES

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

List o	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.		English for Specific Durpeges	(110) Industrial Engineering, Undergraduate Academic Studies					
54.	LJIIVI	EJIIM English for Specific Purposes (120) Engineering Management, Undergrad Studies						
35.	ET105	English language - Elementary	(E02) Electronics and Telecommunications, Undergraduate Professional Studies					
			(E20) Computing and Control Engineering, Undergraduate Academic Studies					
			(ES0) Power Software Engineering, Undergraduate Academic Studies					
			(F10) Engineering Animation, Undergraduate Academic Studies					
36.	EJ1Z	English Language - Elementary	(GI0) Geodesy and Geomatics, Undergraduate Academic Studies					
			(SE0) Software Engineering and Information Technologies, Undergraduate Academic Studies					
			(SEL) Software Engineering and Information Technologies Loznica, Undergraduate Academic Studies					
			(AH0) Architecture, Master Academic Studies					
	EJ2Z		(E20) Computing and Control Engineering, Undergraduate Academic Studies					
		English Language – Intermediate	(ES0) Power Software Engineering, Undergraduate Academic Studies					
			(F10) Engineering Animation, Undergraduate Academic Studies					
37.			(GI0) Geodesy and Geomatics, Undergraduate Academic Studies					
			(SE0) Software Engineering and Information Technologies, Undergraduate Academic Studies					
			(SEL) Software Engineering and Information Technologies - Loznica, Undergraduate Academic Studies					
			(AH0) Architecture, Master Academic Studies					
38.	eja	English Language – a Specialized Course	(AH0) Architecture, Master Academic Studies					
39.	EJE7	English Language - Advanced	(E10) Power, Electronic and Telecommunication Engineering, Master Academic Studies					
40.	F507	English Language for GRID 3	(F00) Graphic Engineering and Design, Master Academic Studies					
41.	NIT03	Business English	(NIT) Industrial Engineering - Advanced Engineering Technologies, Master Academic Studies					
Rep	oresentative	e refferences (minimum 5, not more than 10)						
1.	Prevod n	nonografije: Nenad Teofanov: Ultramodulation Spaces and	Pseudodifferential Operators, Zadužbina Andrejević					
2.	Prevod publikacije o Fakultetu tehničkih nauka, Faculty of Technical Sciences, 2004							
3.	Vesna Bogdanović i Ivana Mirović: Engleski jezik 1 za grafičko inženjerstvo i dizajn, FTN izdavaštvo, Novi Sad, 2007							
4.	Ivana Mir	ović i Vesna Bogranović: Engleski jezik 2 za grafičko inžen	jerstvo i dizajn, FTN izdavaštvo, Novi Sad, 2011					
5.	I. Mirović		skog jezika na FTN 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					
	סרכוווט ד מוףטסכס, טוומווכוועכס מווע דיססףכנוס, שכועומעכ, בע די							



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



Study Programme Accreditation

UNDERGRADUATE ACADEMIC STUDIES **Production 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

Non-

Study Programme Accreditation

UNDERGRADUATE ACADEMIC STUDIES

Production Engineering

Nam	e and last n	ame:			Navalušić V. Slobodan				
Academic title:					Full Professor				
	Name of the institution where the teacher works full time and								
	ng date:				01.12.1975				
Scier	ntific or art f	ield:			Machine Elements, Construction Principles, Machine and Mechanizm				
Acad	emic cariee	er	Year	Institution			Field		
Acad	emic title el	lection:	2006	Faculty of Technical Sci	ences - Novi Sa	ad	Machine Elements,Construction Principles, Machine and Mechanizm Theory, Power and Motion Transfer and Eng.Communication		
PhD	thesis		1996	Faculty of Technical Science	ences - Novi Sa	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 Sa	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 Sa	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	ogramme name, study type		
1.	A555	Perspe	ective			(GI0) Geo Studies	desy and Geomatics, Undergraduate Academic		
2.	EOS03		mentals in I nts and Mat	Mechanical Engineering(N terials)	lachine		ver Engineering - Renewble Sources of Electrical ndergraduate Professional Studies		
3.	F202	Fundamentals in Mechanical Engineering				(F00) Graphic Engineering and Design, Undergraduate Academic Studies			
4.	GG03	Descri	ptive Geom	ietry		(G00) Civil Engineering, Undergraduate Academic Studies			
5.	GI104	Descriptive Geometry in Geomatics (GI0) Geodesy and Geomatics, Undergraduate A Studies			desy and Geomatics, Undergraduate Academic				
6.	M108	M108 Engineering Graphic Communications		hic Communications		Undergrad (M30) Ene Academic (M40) Tec Undergrad	chanization and Construction Engineering, luate Academic Studies ergy and Process Engineering, Undergraduate Studies chnical Mechanics and Technical Design, luate Academic Studies duction Engineering, Undergraduate Academic		
7.	M2610	Graph	ic Commun	ications and CAD			chatronics, Undergraduate Academic Studies		
8.	S012			etry and Engineering Dra	wing	(S00) Traffic and Transport Engineering, Undergraduate Academic Studies			
					_	(S01) Postal Traffic and Telecommunications, Undergraduate Academic Studies			
9.	IA013	Interac	ctive Engine	eering Graphics		Studies	ineering Animation, Undergraduate Academic		
10.	ASO5	Descri	ptive Geom	etry with Perspective 1		(AS0) Scenic Architecture, Technique and Design, Undergraduate Academic Studies			
11.	ASO9	Descri	ptive Geom	etry with Perspective 2		Undergrad	enic Architecture, Technique and Design, luate Academic Studies		
12.	ZC007	Engine	eering Grap	hic Communications		Academic			
13.	M2511	Metho	lethodology of Design			(M22) Mechanization and Construction Engineering, Master Academic Studies			
14.	M2655	Mainte	enance of A	gricultural Machinery		Academic			
15.	AD0013	,		and surfaces		Architectur	ital Techniques, Design and Production in e and Urban Planning, Master Academic Studies		
16.	DM213	Constr	ructing	ethods of Designing and M		(M00) Mechanical Engineering, Doctoral Academic Studies			
17.	DM409	· ·				, ,	chanical Engineering, Doctoral Academic Studies		
18. AID04 Haptic devices usage in the virtual environm			nent	(F20) Eng	ineering Animation, Doctoral Academic Studies				



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

Study Programme Accreditation

Production Engineering



Representative refferences (minimum 5, not more than 10)

Re	Representative refferences (minimum 5, not more than 10)								
1.	Milojević, Z., Navalušić, S., Zeljković, M.: " NC VERIFICATION AS A COMPONENT OF VIRTUAL MANUFACTURING", Academic Journal of Manufacturing Engineering, Vol. 5, No 2-2007., Editura Politehnica, žtimisoara, Romania, pp: 48-54, 2007. ISSN: 1583-7904								
2.	Milojević, Z., Navalušić, S., Zeljković, M.: " DEVELOPMENT OF THE MODULE FOR REAL'TIME VERIFICATION OF NC MACHINING PROGRAM", Journal Manufacturing Engineering Manufacturing Accuracy Increasing problems, Wroclaw, 2007								
3.	Milojević, Z., Navalušić, S., Zeljković, M.: " AN VERIFICATION", Journal Manufacturing Engir				ND				
4.	Milojević, Z., Navalušić, S., Zeljković, M:" DEVELOPMENT OF THE MODULE FOR VERIFICATION OF NC MACHINING PROGRAM ", Journal of Machine Engineering, Vol.5 No. 1-2, Intelligent Machines and factories, Wroclaw, 2005. god., pp. 177- 185								
5.	Zeljković, M., Zeljković, Ž., Navalušić, S., Milojević, Z.:" SOFTWARE SOLUTION DEVELOPMENT FOR THE GRINDING WHEEL PROFILING CYCLE ON THE CNC GRINDING MACHINE", Journal of Machine Engineering, Vol.4 No. 1-2, Machine tools and factories of the knowledge, Wroclaw, 2004. god., pp. 254-262								
6.	Desnica E., Letić D., Gligorić R., Navalušić S.: Metalurgia international, 2012, Vol. 17, No 3, p			nnologies in higher technical	education,				
7.	Milojević Z., Navalušić S., Milankov M., Obrado based on the X - ray , HealthMED, 2011, Vol. 5				on determination				
8.	Desnica E., Letić D., Navalušić S.: Concept of education, Technics Technologies Education N				university level				
9.	Milojević Z., Navalušić S., Milankov M., Obrado generation, HealthMED, 2011, Vol. 5, No 5, pp			thodology for 3D femur appr	oximate model				
10.	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 - Lausanne - New York - Oxford - Shannon - Tokyo, 1994, pp. 45-50								
Su	mmary data for teacher's scientific or art and profe	essional activity:							
Quot	tation total :	0							
	l of SCI(SSCI) list papers :	4							
Curr	ent projects :	Domestic :	0	International :	0				



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



Study Programme Accreditation

UNDERGRADUATE ACADEMIC STUDIES

Production Engineering

Nam	e and last n	amo.			Nenadić M. Goran			
					Guest Professor			
	Name of the institution where the teacher works full time and							
	ng date:							
Scier	Scientific or art field:					outer Scienc	ce and Informatics	
Acad	emic cariee	er	Year	Institution			Field	
Acad	emic title e	lection:	2012				Applied Computer Science and Informatics	
PhD	thesis		2003				Mathematical Sciences	
Magi	ster thesis		1997				Mathematical Sciences	
	elor's thesis		1993				Mathematical Sciences	
List c	of courses b	eing he	Id by the tea	acher in the accredited stu	udy programme	s		
	ID	Course	e name			Study pro	gramme name, study type	
						(E20) Con Academic	nputing and Control Engineering, Undergraduate Studies	
1.	E2K40A	Soft C	omputing				asurement and Control Engineering, uate Academic Studies	
1.	LZIGOA	0011 0	omputing				tware Engineering and Information Technologies, uate Academic Studies	
							tware Engineering and Information Technologies - ndergraduate Academic Studies	
2.	ISIT2D	Web d	lesign			Undergrad	vare and Information Technologies (Inđija), uate Professional Studies	
					(F00) Graphic Engineering and Design, Undergraduate Academic Studies			
	SE0001	Introduction to Programming				(MR0) Measurement and Control Engineering, Undergraduate Academic Studies		
3.						(P00) Production Engineering, Undergraduate Academic Studies		
						(SE0) Software Engineering and Information Techno Undergraduate Academic Studies		
							tware Engineering and Information Technologies - ndergraduate Academic Studies	
4.	SE0014	Comp	uter organis	ation			tware Engineering and Information Technologies, uate Academic Studies	
	020011	Comp	ator organic			Loznica, U	tware Engineering and Information Technologies - ndergraduate Academic Studies	
5.	SE0016	Databa	Databases			(SE0) Software Engineering and Information Technologies, Undergraduate Academic Studies		
						(SEL) Software Engineering and Information Technologies Loznica, Undergraduate Academic Studies		
6.	SE0024	SE0024 Software Construction and Testi		ction and Testing	Undergrad		Software Engineering and Information Technologies, graduate Academic Studies	
-						(SEL) Software Engineering and Information Technologies Loznica, Undergraduate Academic Studies		
7.	SE0031	Opera	ting System	IS		Undergrad	tware Engineering and Information Technologies, uate Academic Studies	
		- po.u		-		(SEL) Software Engineering and Information Technologies Loznica, Undergraduate Academic Studies		
						(P00) Production Engineering, Undergraduate A Studies		
8.	SE239A	A Web programming			Undergrad	tware Engineering and Information Technologies, uate Academic Studies		
						(SEL) Software Engineering and Information Technologies - Loznica, Undergraduate Academic Studies		
9.	SES40	Softwa	are patterns	and components		Undergrad	tware Engineering and Information Technologies, uate 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

Production Engineering

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

	ID	Course name		Study programme name, study type		
10		Dete Mining and Deta Analysis Cust		(E20) Computing and Control Engineering, Master Academic Studies		
10.	E2503	Data Mining and Data Analysis Syst	ems	(SE0) Software Engineering and Information Technologies, Master Academic Studies		
				(E20) Computing and Control Engineering, Master Academic Studies		
11.	E2506	Advanced Internet Infrastructure		(SE0) Software Engineering and Information Technologies, Master Academic Studies		
				(E10) Power, Electronic and Telecommunication Engineering, Master Academic Studies		
12.	E2523	Social Networks		(E20) Computing and Control Engineering, Master Academic Studies		
12.	L2020			(SE0) Software Engineering and Information Technologies, Master Academic Studies		
13.	E2524	Text Mining		(E20) Computing and Control Engineering, Master Academic Studies		
10.	LZJZ4	Text Minning		(SE0) Software Engineering and Information Technologies, Master Academic Studies		
14.	E2527	Business Intelligence		(E20) Computing and Control Engineering, Master Academic Studies		
14.				(SE0) Software Engineering and Information Technologies Master Academic Studies		
15.	SEM013	E-government technologies		(SE0) Software Engineering and Information Technologies, Master Academic Studies		
Rep	oresentative	e refferences (minimum 5, not more th	an 10)			
1.		., Sarafraz, F., Keane, J., Nenadic, G. antic Rules, J. of American Medical In		ions from Hospital Discharge Letters with Pattern Matching 17(5): 532-535, 2010		
2.		A., Nenadic, G., Bergman, C.: LINNAE natics 11:85, 2010	EUS: A Species Name	Identification System for Biomedical Literature, BMC		
3.		, Spasic, I., Keane, J., Nenadic, G.: A es, J. of American Medical Informatics		to the Prediction of a Disease Status from Clinical Discharge 96-600		
4.		, Keane, J., Bergman, C., Nenadic, G. al Informatics, Vol. 42(5), pp. 887-894		rotein Mentions: the Case of Transcription Factors, Journal of		
5.		, Nenadic, G., Keane, J.: Identification informatics 2008, 9(Suppl 3):S11	of Transcription Factor	or Contexts in Literature using Machine Learning Approaches,		
6.		Nenadic, G., Stapley, B.: Mining Prote natics 2005, 6(Suppl 1):S22	ein Function from Text	Using Term-based Support Vector Machines, BMC		
7.		nmer, M., Nenadic, G.: Term Identifica . 512-526	tion in the Biomedical	Literature, Journal of Biomedical Informatics, Vol. 37(6),		
8.	Nenadic,	G., Spasic, I., Ananiadou, S.: Termino	ology-driven Mining of	Biomedical Literature, Bioinformatics 19:8, 2003, pp. 938-943		
9.		G., Mima, H., Spasic, I., Ananiadou, S ine, Int. J. of Medical Informatics, Vol.		pgy-based Literature Mining and Knowledge Acquisition in -48		
Sur	mmary data	for teacher's scientific or art and profe	essional activity:			
	ation total :					
		CI) list papers :	D #			
Current projects : Domestic : International :						



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



Study Programme Accreditation

UNDERGRADUATE ACADEMIC STUDIES

Production Engineering

	e and last n	amo:			A PLANT AND AND	Nelsender			
ACSOC	Name and last name: Academic title:					Nikolić M. Aleksandar Associate Professor			
Name of the institution where the teacher works full time and									
	e of the inst ng date:	itution v	vnere the te	acner works full time and	01.10.1990				
Scientific or art field:					01.10.1990 Mathematics				
	emic cariee		Year	Institution	mainomatioo		Field		
	emic title el		2008	Faculty of Technical Sci	ences - Novi Si	ad	Mathematics		
PhD th		000011.	1997	Faculty of Sciences - No			Mathematics		
-	ter thesis		1992	Faculty of Mathematics			Mathematics		
<u> </u>	elor's thesis		1981	Faculty of Sciences - No			Mathematics		
				acher in the accredited stu			Mathematics		
		eing ne				.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		
						(M30) Ene Academic	ergy and Process Engineering, Undergraduate Studies		
2.	M102	Mathe	matics 1				chnical Mechanics and Technical Design, uate Academic Studies		
						0	duction Engineering, Undergraduate Academic		
-+						(Z01) Safety 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		
		Mathematics 2				(ZC0) Clean Energy Technologies, Undergraduate Academic Studies			
4.	Z106					(ZP0) Disaster Risk Management and Fire Safety, Undergraduate Academic Studies			
						(Z20) Envii Studies	ronmental Engineering, Undergraduate Academic		
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) Envii Studies	ronmental Engineering, Undergraduate Academic		
7.	BMI91	Mathe	matics 1			(BM0) Bio Studies	medical Engineering, Undergraduate Academic		
8.	BMI92	Mathe	matics 2			(BM0) Biomedical Engineering, Undergraduate Academic Studies			
9.	ET103	History	of science	and technology		(E02) Electronics and Telecommunications, Undergradua Professional Studies			
10.	IA001	Algebra			(F10) Eng Studies	ineering Animation, Undergraduate Academic			
11.	II1052	Mathe	matics 2				strial Engineering, Undergraduate Academic		
						(110) Indus Studies	strial Engineering, Undergraduate Academic		
12.	IM1002	Mathe	matics 1			(I20) Engineering Management, Undergraduate Academic Studies			
13.	IM1006	Mathematics 2				(120) Engineering Management, Undergraduate Academic Studies			
14. Z506 Viši kurs matematike 1(uneti naziv na englesi			skom)	(720) Envi	ronmental Engineering, Master Academic Studies				



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

Study Programme Accreditation

A REAL PROPERTY OF THE PROPERT

UNDERGRADUATE ACADEMIC STUDIES

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

	epresentative renerances (minimum 5, not more than 10)								
1.	Aleksandar Nikolić, About two famous results of Jo 48, 1998, pp. 353-373	Aleksandar Nikolić, About two famous results of Jovan Karamata, Archives Internationales D"Histoire des Sciences, n. 141, Vol. 48, 1998, pp. 353-373							
2.	Aleksandar Nikolić, Space and Time in the Apparatus of Infinitesimal Calculus, Review of Research, Faculty of Science, Mathematics Series 23, 1, 1993, pp. 199-218								
3.	Nevenka Adžić, Aleksandar Nikolić, Uvod u teoriju	redova, FTN Novi	Sad, 2001, s. 124	1					
4.	Irena Čomić, Aleksandar Nikolić, Diferencijalne jed	Inačine, FTN Novi	Sad, 1999, s. 12	2					
5.	Aleksandar Nikolić, Jovan Karamata, život kroz ma	atematiku, Zadužbi	na Andrejević, 19	99, s.105					
6.	Marić, V., Nikolić, A., Vojislav G. Avakumović (1910-1990) - A Passionate Man of Mathematics, Ganita Bharati, Vol. 30, No. 1, 45- 60, 2008.								
7.	Nikolić, A., Karamata"s Proofs of Pappus-Pascal a	ind Desargues The	orems, ICAM 200	07, G.B. Pant University,	India.				
8.	Nikolić, A., The Story of Majorisability as Karamata 36, 4, 2009, 405-419.	a"s Condition of Co	nvergence for Ab	el Summable Series, His	storia Mathematica,				
9.	Nikolić, A., Mathematical education in the Province 109-124.	e of Vojvodina withi	n the Habsburg N	lonarchy, History of Mat	hematics, 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								
Sur	immary data for teacher's scientific or art and profession	onal activity:							
Quot	otation total : 0								
Total of SCI(SSCI) list papers : 1									
Current projects : Domestic : 2 International : 1									



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



Study Programme Accreditation

UNDERGRADUATE ACADEMIC STUDIES

Production Engineering

Name and last name: Novakovid					Nevelievité N	ković N. Branislava		
-	Academic title:							
				a a la annua de la Cella C	Associate Professor Faculty of Technical Sciences - Novi Sad			
	e of the insi ng date:	itution v	where the te	eacher works full time and	05.12.1997	chnical Scie	nces - Novi Sad	
	ntific or art f	ield:			Deformable Body Mechanics			
	emic carie		Year	Institution			Field	
Acad	emic title e	lection:	2011				Deformable Body Mechanics	
	thesis		2006	Faculty of Technical Sci	ences - Novi Sa	ad	Deformable Body Mechanics	
Magi	ster thesis		2001	Faculty of Technical Sci			Deformable Body Mechanics	
Bach	elor's thesis	S	1987	Faculty of Technical Sci			Theory of Construction	
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.	GG15	Streng	th of Mater	ials		(G00) Civi	I Engineering, Undergraduate Academic Studies	
2.	GG410	Select	ed Chapter	s in the Theory of Elasticit	ty	(G00) Civil	Engineering, Undergraduate Academic Studies	
3.	H202	Streng	th of mater	ials		(H00) Med	chatronics, Undergraduate Academic Studies	
4.	M2412	Theon	∕ of Elastici	tv		· · ·	nical Mechanics and Technical Design, uate Academic Studies	
		moory		.,		Studies	duction Engineering, Undergraduate Academic	
5.	M4402	Dynan	nics and Sta	ability of Constructions		Undergrad	chnical Mechanics and Technical Design, uate Academic Studies	
6.	BMI96	Mechanics				(BM0) Biomedical Engineering, Undergraduate Academic Studies		
7.	II1004	Mechanics and Industrial Engineering				(110) Industrial Engineering, Undergraduate Academic Studies		
8.	M2546	Selected Chapters in the Theory of Elasticity			ty	(M22) Meo Academic	chanization and Construction Engineering, Master Studies	
9.	M4503	Higher	Course in	Elasticity		(M40) Technical Mechanics and Technical Design, Master Academic Studies		
						(E20) Computing and Control Engineering, Doctoral Academic Studies		
10.	DAU003	Select	ed Chapter	s in Mechanics		(H00) Mechatronics, Doctoral Academic Studies		
						(OM1) Mathematics in Engineering, Doctoral Academic Studies		
						(M00) Mechanical Engineering, Doctoral Academic Studies		
11.	DM403	Mathe	matical Roo	d Theory		(M40) Technical Mechanics, Doctoral Academic Studies		
						(OM1) Mathematics in Engineering, Doctoral Academic Studies		
12.	DZ003	Select	ed Chapter	s in Mechanics		(M00) Me	chanical Engineering, Doctoral Academic Studies	
13.	ZRD16A	Select	ed chapters	s in mechanics and elastic	theory	(Z01) Safe	ety at Work, Doctoral Academic Studies	
Rep	oresentative	e reffere	nces (minin	num 5, not more than 10)				
1.		,	'	<i>v</i> ic, B. N.: ON A FRACTIO 29, pp 27-37, Belgrade 20		IVE TYPE (DF A VISCOELASTIC BODY. Theoretical and	
2.				nackovic.: ON STABILITY nnology. Vol 28, No B4, 2		IMN WITH A	A STEP CHANGE IN A CROSS SECTION. Iranian	
3.				vakovic, :OPTIMAL SHA ds. Vol.25, No 1, pp 154-1		STIC COLU	JMN ON ELASTIC FOUNDATION. European	
4.				STABILNOSTI ŠTAPA NA RSTVU, Subotica, 2-3 Jur		J PODLOZI,	Međunarodna konferencija 2006 SAVREMENI	
5.				C: ON THE OPTIMAL SHA			O ON ELASTIC FUONDATION, The First 17, 2004	
6.			STABILIT er 12-13, 20		H A STEP CHA	NGE, 23th	Congress of Theoretical and Applied Mechanics,	
7.					VITH A STEP C	CHANGE, IS	SIRR 2002, Novi Sad, October 2002	

HAS STUDIO		UNIVERSITY OF NOVI SAD						
		FACULTY OF TECHNICAL SCIENCES 21000 NOVI SAD, TRG DOSITEJA OBRADOVIĆA 6						
0.2		Study F	Programme	Accred	itation	ST S		
6	LANTEN	UNDERGRADUATE ACADEMIC	STUDIES		Production Engineering	-e HOP		
Re	presentative r	efferences (minimum 5, not more th	an 10)					
8.		c T., Novakovic B. : STABILITY Ol Mechanics, Belgrade, October 9-1		ON ELAST	IC FOUNDATION,24th Congress	of Theoretical		
9.		ković, T. M. Atanacković: STABILNO ernational scientific meeting, Novi S		ŚTAPA NA I	ELASTIČNOJ PODLOZI, INDIS 20	003, 9th National		
10.		c T.M., Novakovic B.N.: OPTIMAL une1-3, 2005.	SHAPE OF AN ELA	STIC, 25th	Congress of Theoretical and Appl	ied Mechanics,		
Su	mmary data fo	r teacher's scientific or art and prof	essional activity:					
Quo	tation total :		2					
Total of SCI(SSCI) list papers : 5						_		
Curr	ent projects :		Domestic :	1	International :	0		



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



Study Programme Accreditation

UNDERGRADUATE ACADEMIC STUDIES

Production Engineering

Name and last name:					Obradović M. Ratko			
	lemic title:				Full Professor			
		titution v	vhere the te	acher works full time and			nces - Novi Sad	
	ng date:				02.09.1993			
	ntific or art f	ield:			Computer Graphics			
Acad	lemic cariee	er	Year	Institution			Field	
Acad	lemic title el	lection:	2012	Faculty of Technical Sci	ences - Novi Sa	ad	Computer Graphics	
PhD	thesis		2000	Faculty of Sciences - No	ovi Sad		Computer Graphics	
Mag	ster thesis		1997	Faculty of Sciences - No	ovi Sad		Computer Graphics	
Bach	elor's thesis	6	1993	Faculty of Technical Sci	ences - Novi Sa	ad	Machine Elements, Construction Principles, Machine and Mechanizm Theory, Power and Motion Transfer and Eng.Communication	
List	of courses b	eing he	ld by the te	acher in the accredited stu	udy programme	s		
	ID	Course	e name			Study pro	gramme name, study type	
1.	IA020	Advan	ced Display	/ Technologies		Studies	ineering Animation, Undergraduate Academic	
						Undergrad	chanization and Construction Engineering, uate Academic Studies	
2.	M108	Engine	Engineering Graphic Communications			Academic		
						Undergrad	chnical Mechanics and Technical Design, uate Academic Studies	
						(P00) Production Engineering, Undergraduate Academic Studies		
3.	S012	Descri	ptive Geom	etry and Engineering Dra	wina	Académic	(S00) Traffic and Transport Engineering, Undergraduate Academic Studies	
		_ 0001			(S01) Posta Undergradu		tal Traffic and Telecommunications, uate Academic Studies	
4.	IA006	Spatia	I Shape De	sign		(F10) Engineering Animation, Undergraduate Academic Studies		
5.	IA009	3D Mo	deling			(F10) Engineering Animation, Undergraduate Academic Studies		
6.	IA014	Advan	ced Engine	ering Animation		(F10) Engineering Animation, Undergraduate Academic Studies		
7.	IGA013	Chara	cter Animat	ion		(F10) Eng Studies	ineering Animation, Undergraduate Academic	
8.	IGA055	Specia	al Visual Eff	ects		(F10) Eng Studies	ineering Animation, Undergraduate Academic	
9.	IGB034	Video	in Engineer	ing Animation		(F10) Eng Studies	ineering Animation, Undergraduate Academic	
10.	IGB340	Funda	mentals of	Engineering Animation		(F10) Eng Studies	ineering Animation, Undergraduate Academic	
11.	ZC007	Engine	eering Grap	hic Communications		(ZC0) Clea Academic	an Energy Technologies, Undergraduate Studies	
12.	IA018	Compu	uter Geome	etry		(F20) Eng	ineering Animation, Master Academic Studies	
13.	AD0010	Advan Archite		ion and Video Post Techn	iques in	· / U	ital Techniques, Design and Production in e and Urban Planning, Master Academic Studies	
14.	E2528	Come	iter como o	levelopment		(E20) Con Academic	nputing and Control Engineering, Master Studies	
14.	E2020	Compt		levelopment			tware Engineering and Information Technologies, ademic Studies	
15.	IA005	History	/ of Animati	on		(F20) Engineering Animation, Master Academic Studies		
16.	AIDO8	Advan	ced Interdis	sciplinary Scientific Visuali	zation	(F20) Eng	ineering Animation, Doctoral Academic Studies	
Re	oresentative	e reffere	nces (minin	num 5, not more than 10)				
1.				ilankov M., Obradović R., MED, 2011, Vol. 5, No 4,			stem for femoral tunnel position determination	



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

Study Programme Accreditation



UNDERGRADUATE ACADEMIC STUDIES

Rep	presentative refferences (minimum 5, not more the	an 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 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., Milank Femur and Screw Built into Human Knee, Acac ISSN 1583-7904							
9.	Obradović R.: The Plane Section of the Surfac 2005, Vol. 3, No 2, pp. 235-242, ISSN 0354-46				Civil Engineering,			
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							
Sur	Summary data for teacher's scientific or art and professional activity:							
Quot	ation total :	50						
Total	of SCI(SSCI) list papers :	7		1				
Curre	ent projects :	Domestic :	0	International :	1			



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



Study Programme Accreditation

UNDERGRADUATE ACADEMIC STUDIES

Production Engineering

Name and last name:					Obradović J. Đorđe				
Academic title:					Assistant Professor				
	Name of the institution where the teacher works full time and				Faculty of Technical Sciences - Novi Sad				
-	starting date:				01.07.1998				
Scier	ntific or art f	ield:	_		Applied Com	outer Sciend	ce and Informatics		
Acad	emic cariee	er	Year	Institution			Field		
Acad	emic title el	ection:	2011	Faculty of Technical Sci	ences - Novi S	ad	Applied Computer Science and Informatics		
PhD	thesis		2011				Applied Computer Science and Informatics		
Magi	ster thesis		2003	Faculty of Technical Sci	ences - Novi S	ad	Computer Science		
Bach	elor's thesis	S	1997	Faculty of Technical Sci	ences - Novi S	ad	Applied Computer Science and Informatics		
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	ogramme name, study type		
						(E20) Con Academic	nputing and Control Engineering, Undergraduate Studies		
1.	E236A	Comp	utational Int	elligence Fundamentals			tware Engineering and Information Technologies, luate Academic Studies		
							tware Engineering and Information Technologies - Indergraduate Academic Studies		
						(E20) Con Academic	nputing and Control Engineering, Undergraduate Studies		
2.	E2K40A	Soft Computing					asurement and Control Engineering, luate Academic Studies		
2.	ELICION					(SE0) Software Engineering and Information Technologies, Undergraduate Academic Studies			
							tware Engineering and Information Technologies - Indergraduate Academic Studies		
3.	ISIT26	Upravl	janje projek	ktima			SII) Software and Information Technologies (Inđija), ndergraduate Professional Studies		
4.	ISIT30	Busine	ess process	management systems		(SII) Software and Information Technologies (Inđija), Undergraduate Professional Studies			
5.	ISIT41	eGove	ernment tecl	hnologies and systems		(SII) Software and Information Technologies (Inđija), Undergraduate Professional Studies			
6.	SE0006	Object	oriented p	rogramming 1		Undergrad	tware Engineering and Information Technologies, uate Academic Studies		
0.	020000	00,000				Loznica, U	tware Engineering and Information Technologies - ndergraduate Academic Studies		
7.	SE0013	Data (Organizatior	ı		Undergrad	tware Engineering and Information Technologies, luate Academic Studies		
			0			Loznica, U	tware Engineering and Information Technologies - Indergraduate Academic Studies		
						Studies	duction Engineering, Undergraduate Academic		
8.	SE239A	Web p	rogramming	g		Undergrad	tware Engineering and Information Technologies, luate Academic Studies		
							tware Engineering and Information Technologies - ndergraduate Academic Studies		
						Academic			
9.	E2511	Fuzzv	Systems			(ES0) Pov Studies	ver Software Engineering, Master Academic		
5.		, uzzy	0,000110				tware Engineering and Information Technologies, ademic Studies		
							er, Electronic and Telecommunication g, Master Academic Studies		



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

Study Programme Accreditation



UNDERGRADUATE ACADEMIC STUDIES

ist of courses	being held h	v the teacher in the	accredited study programmes
	build here b		acciculted study programmes

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	ID	Course name		Study programme name, study type				
				(E20) Computing and Control Engineering, Master Academic Studies				
10.	E2512	Neural Networks	(SE0) Software Engineering and Information Te Master Academic Studies					
				(E10) Power, Electronic and Telecommunication Engineering, Master Academic Studies				
11.	EP002	EBusiness technologies and system	0	(I20) Engineering Management, Specialised Professional Studies				
11.	1. LF 002	EBusiness technologies and system	5	(IB0) Engineering Management - MBA, Specialised Professional Studies				
10	50500	Makila Application Development		(E20) Computing and Control Engineering, Master Academic Studies				
12.	E2536	Mobile Application Development		(SE0) Software Engineering and Information Technologies, Master Academic Studies				
10		Coloritad Charlers in Commutational		(E20) Computing and Control Engineering, Doctoral Academic Studies				
13.	DRNI07	Selected Chapters in Computational	Intelligence	(OM1) Mathematics in Engineering, Doctoral Academic Studies				
14.	DRNI14	Selected Chapters in Machine Learn	ning	(E20) Computing and Control Engineering, Doctoral Academic Studies				
45		Colorised Tenies in ICT onbounded to		(E20) Computing and Control Engineering, Doctoral Academic Studies				
15.	DRNI17	Selected Topics in ICT enhanced lea	arning	(OM1) Mathematics in Engineering, Doctoral Academic Studies				
16.	DRNI18	Selected Topics in Distributed/Mobil	e computing	(E20) Computing and Control Engineering, Doctoral Academic Studies				
				(F20) Engineering Animation, Doctoral Academic Studies				
Rep		e refferences (minimum 5, not more th	,					
1.		Z., Obradović Đ., Racković M., Objec World Congress, Prague 1997.	t oriented implementa	tion of the neural network training system, Proc. Of Seventh				
2.		ć Đ. Jovanović D., Konjović Z., Govec InterGeoEast 2006.	larica M., Web based	software system supporting detection of topographical				
3.		ć Ð. Racković M., Algorithmic Structu /athematics PRIM '96 Budva 1996.	re for Representation	of the Various Neural Network Models, XI Conference on				
4.	Konjović 1998.	Z., Fišl I., Obradović Đ., "Specificatior	n of the language for	reporting in library information system", YuInfo'98, Kopaonik				
5.	Obradovi	ć Đ., Konjović Z., "The system for the	computer supported to	esting students knowledge", YuInfo'99, Kopaonik 1999.				
6.	Šolajić D.	., Obradović Đ., Konjović Z., "Reengin	eering in the anthropo	omorphic gait simulation system", PRIM 2000				
7.	Obradovi	ć Đ., Konjović Z., "Anthropomorphic G	Bait Simulation System	n", PRIM 2000				
8.	Obradovi	ć Đ., Šolajić D., Konjović Z. "Softversl	ki sistem za administr	ranje procesa izvođenja nastave", YUINFO 2004				
9.	Šolajić D.	., Obradović Đ., Konjović Z., "Web ba	zirana aplikacija za po	odršku razvoju softverskog projekta" YUINFO 2004				
10.		ć D., Obradović Đ., Konjović Z., Gove Yulnfo, Kopaonik 2005.	darica M., Softverski s	sistem za detekciju topografskih znakova na kartama i				
Sun	nmary data	for teacher's scientific or art and profe	essional activity:					
	ation total :		0					
		CI) list papers :	0 Domostia :					
Curre	ent projects	•	Domestic :	0 International : 0				



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



Study Programme Accreditation

UNDERGRADUATE ACADEMIC STUDIES

Production Engineering

Name and last name: Okanović Đ						Dušan		
Academic title:					Assistant Professor			
		itution v	vhere the te	acher works full time and	Faculty of Technical Sciences - Novi Sad			
- · · · ·					01.02.2004			
Scier	ntific or art f	ield:			Applied Com	Applied Computer Science and Informatics		
Acad	emic cariee	er	Year	Institution		Field		
Acad	emic title el	ection:	2012	Faculty of Technical Sci	ences - Novi Sa	ad	Applied Computer Science and Informatics	
PhD	thesis		2012	Faculty of Technical Sci	ences - Novi Sa	ad	Applied Computer Science and Informatics	
Magi	ster thesis		2006	Faculty of Technical Sci	ences - Novi Sa	ad	Computer Science	
Bach	elor's thesis	6	2002	Faculty of Technical Sci	ences - Novi Sa	ad	Computer Science	
List o	f courses b	eing he	ld by the tea	acher in the accredited stu	udy programme	s		
	ID	Course	e name			Study pro	ogramme name, study type	
						Academic		
						Studies	desy and Geomatics, Undergraduate Academic	
1.	E233	Interne	et Networks			Undergrad	tware Engineering and Information Technologies, luate Academic Studies tware Engineering and Information Technologies -	
						Loznića, U	ndergraduate Academic Studies	
						Èngineerin	er, Electronic and Telecommunication g, Undergraduate Academic Studies	
2.	ISIT23	Web P	Programmin	g		(SII) Software and Information Technologies (Indija), Undergraduate Professional Studies		
3.	ISIT30	Busine	ess process	management systems		(SII) Software and Information Technologies (Inđija), Undergraduate Professional Studies		
4.	ISIT34	Identity Management				(SII) Software and Information Technologies (Inđija), Undergraduate Professional Studies		
5.	ISIT36	Softwa	are Develop	ment Tools		(SII) Software and Information Technologies (Inđija), Undergraduate Professional Studies		
6.	ISIT43	Config	uration and	Administration of Compu	ter Systems	(SII) Software and Information Technologies (Inđija), Undergraduate Professional Studies		
7.	ISIT45	eTrade	e and eBan	king technologies and sys	tems	(SII) Software and Information Technologies (Inđija), Undergraduate Professional Studies		
8.	SE0024	Softwa	are Constru	ction and Testing		(SE0) Sof Undergrad	tware Engineering and Information Technologies, luate Academic Studies	
0.	020024	Oonwe		clion and resulty		(SEL) Software Engineering and Information Technologies - Loznica, Undergraduate Academic Studies		
						(P00) Proo Studies	duction Engineering, Undergraduate Academic	
9.	SE239A	Web programming				(SE0) Software Engineering and Information Technologies, Undergraduate Academic Studies		
						(SEL) Software Engineering and Information Technologies - Loznica, Undergraduate Academic Studies		
10.	EP007	Docum	tent and co	ntent management		(I20) Engi Studies	neering Management, Specialised Professional	
.0.	2,007	Docum		ment management		(IB0) Engi Profession	neering Management - MBA, Specialised al Studies	
11.	AD0008	Web d	esign in Arc	chitecture			ital Techniques, Design and Production in re and Urban Planning, Master Academic Studies	
						(E20) Con Academic	nputing and Control Engineering, Master Studies	
12.	E2522	Softwa	are Standar	dization and Quality		(MR0) Me Academic	asurement and Control Engineering, Master Studies	
12.	2322	GOILWA		arzadon and Quality			tware Engineering and Information Technologies, ademic Studies	
							er, Electronic and Telecommunication g, Master Academic Studies	

ARSI O	TAS STUDIO	UNIVERSITY OF NO		STHUKKAX MAL			
SU-NU-NEC		Study Programme A	Con and the second				
4	LANTER	UNDERGRADUATE ACADEMIC STUDIES	Production Engineering	- No			
List o	of courses b	eing held by the teacher in the accredited study programme					
	ID	Course name	Study programme name, study type				
13.	DRNI05	Selected Topics in Software Standardization and Quality	(E20) Computing and Control Engineering Academic Studies	g, Doctoral			
			(F20) Engineering Animation, Doctoral Academic Studies				
Re	presentative	refferences (minimum 5, not more than 10)					
1.		D., van Hoorn A., Konjović Z., Vidaković M.: SLA-Driven A nce Problem Localization, Computer Science and Informati					
2.	Dušan Oł 2005.	kanović, Zora Konjović, Automatska inicijalizacija klasa iz X	ML datoteke, Zbornik radova YU INFO 200	5 (CD), Kopaonik			
3.		kanović, Milan Vidaković, Upotreba JMX MLet servisa za až)), Kopaonik 2007.	źuriranje verzija Java aplikacija, Zbornik rad	ova YU INFO			
4.		oradović, Milan Vidaković, Zora Konjović, Dušan Okanović, ", Zbornik radova YU INFO 2008 (CD), Kopaonik 2008.	"Generator ekranskih formi za JBoss Seam	bazirane			
5.	Dušan Oł Kopaonik	kanović, Milan Vidaković, "Primena jBPM okruženja u imple 2009.	mentaciji eUprave", Zbornik radova YU INF	O 2009 (CD),			
6.	Valentin Penca, Siniša Nikolić, Dušan Okanović, "Detekcija Skype saobraćaja sistemom za detekciju upada u mrežu Snort", Zbornik radova YU INFO 2009 (CD), Kopaonik 2009.						
7.	Okanović D., Vidaković M.: Software Performance Prediction Using Linear Regression, 2. International Conference on Information Society Technology and Management, Kopaonik, 29 mart-3 februar, 2012						
8.		D., van Hoorn A., Konjović Z., Vidaković M.: Towards Ada ce on Information Technology - ICIT, Amman, 11-13 Maj, 2		International			
9.		D., Konjović Z., Vidaković M.: Continuous Monitoring Syst Conference on Industrial Systems - IS, Novi Sad, 14-16 Se	,	ernational			

Okanović D., Vidaković M.: One Implementation of The System for Application Version Tracking and Automatic Updating, Proceedings of the IASTED International Conference on Software Engineering - SE 2007, Innsbruck, 12-14 februar 2008.

0

International :

0

0

0

Domestic :

Summary data for teacher's scientific or art and professional activity:

10.

Quotation total :

Current projects :

Total of SCI(SSCI) list papers :



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

A REAL PROPERTY OF

Study Programme Accreditation

UNDERGRADUATE ACADEMIC STUDIES

Production Engineering

Name and last name:					Oros V. Đura			
	emic title:				Assistant Professor			
Nam	e of the inst	titution v	vhere the te	eacher works full time and	Faculty of Technical Sciences - Novi Sad			
	ng date:				05.11.1982			
Scier	ntific or art f	ield:			Power Electronics, Machines and Facilities			
Acad	emic cariee	er	Year	Institution			Field	
Acad	emic title el	lection:	2009	Faculty of Technical Sci	ences - Novi Sa	ad	Power Electronics, Machines and Facilities	
PhD	thesis		2008	Faculty of Technical Science	ences - Novi Sa	ad	Electroenergetics	
Magi	ster thesis		1997	School of Electrical Engi	ineering - Beog	rad	Power Electronics, Machines and Facilities	
Bach	elor's thesis	s	1982	Faculty of Technical Sci	ences - Novi Sa	ad	Electroenergetics	
List c	of courses b	eing he	ld by the tea	acher in the accredited stu	udy programme	S		
	ID	Course	e name			Study pro	gramme name, study type	
1.	H361	Contro	l 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	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	
							tal Traffic and Telecommunications, uate Academic Studies	
							chanization and Construction Engineering, uate Academic Studies	
		Electrical Engineering and Electric Machine			(M30) Ene Academic	ergy and Process Engineering, Undergraduate Studies		
3.	M112			.		hnical Mechanics and Technical Design, uate Academic Studies		
5.	101112				.5	(P00) Proo Studies	duction Engineering, Undergraduate 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	Electrical Machines in Automatic Control Sy		vstems		asurement and Control Engineering, uate Academic Studies		
						(E10) Power, Electronic and Telecommunication Engineering, Undergraduate Academic Studies		
5.	EE419A	Testing	g of electric	al machines		Èngineerin	er, Electronic and Telecommunication g, Undergraduate Academic Studies	
6.	EE421A			and Calculation Software			er, Electronic and Telecommunication g, Undergraduate Academic Studies	
7.	ZR405A	Protection from the harmful effects of electricity application of power converters			icity in the	(Z01) Safety at Work, Undergraduate Academic Studies		
8.	ZR43A			regulations in electrical sy	ystems	(Z01) Safe	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	Lightin	g in Buildin	gs		(G10) Ene Studies	ergy Efficiency in Buildings, Specialised Academic	

ASTAS STUDIO

UNIVE

UNIVERSITY OF NOVI SAD

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

Study Programme Accreditation

.0	LANTER	UNDERGRADUATE ACADEMIC STUDIES	Production Engineering						
List o	List of courses being held by the teacher in the accredited study programmes								
	ID Course name Study programme name, study type								
12.	ZRD235	Systemic regulation in the field of occupational safety and health	(Z01) Safety at Work, Doctoral Academic Studies						
13.	ZRD236	State and development of health and safety at work in the field of electrical engineering	(Z01) Safety at Work, Doctoral Academic Studies						
Rep	oresentative	refferences (minimum 5, not more than 10)							
1.		Marčetić D., Oros Đ.: Prediction of Local Instabilities in Op r computation and mathematics in electrical engineering, 20	en-loop Induction Motor Drives, COMPEL - The international 010, Vol. 29, No 3, ISSN 0332-1649						
2.		ros, Veran V. Vasić, Darko P. Marčetić: NFO sensorless in lectric Power Components and Systems, 2008, Vol. 36, No	duction motor drive with on-line stator resistance parameter . 12, str. 1318- 1336, ISSN 1532-5008.						
3.	 Oros Đ., Vasić V., Marčetić D., Kulić F.: Influence of parameters detuning on induction motor NFO shaft-sensorless scheme, Journal of Advances in Electrical and Computer Engineering, 2010, Vol. 10, No 4, pp. 121-124, ISSN 1582-7445 								
4.	Power Ele	Vasić V., Oros Đ.: Power factor correction and harmonics actronics and Motion Control Conference, EPE-PEMC 201. 3-1-4673-1971-3, IEEE catalog number CFP 1234A-USB	mitigation based on phase shifting approach, 15. International 2 ECCE Europe, Novi Sad, Serbia, pp. DS3b.12-1 - 12-8,						
5.	Rotor Spe	., Oros Đ., Milićević D., Matić D., Vasić V.: Vector Control eed Estimation, 31. Power Electronics, Intelligent Motion, Po 9, pp. 608-612, ISBN 978-3-8007-3229-6							
6.		Marčetić D., Oros Đ., Kulić F.: Prediction of local instabilitie ce on Power Electronics and Applications, Barselona, 8-10							
7.	Francuski Lj., Kulić F., Dumnić B., Oros Đ.: Fuzzy PI Controller for Vector Control of Induction Machine, 9. NEUREL- Symposium								
8.	8. Reljić D., Vasić V., Oros Đ.: Power Quality Considerations of Variable Speed AC Drives, A Simulation Study, Paper No. T6-2.4, pp. 1-5,, 16. International Symposium on Power Electronics – Ee, Novi Sad, 26-28 Oktobar, 2011, ISBN 978-86-7892-355-5								
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 D.: The Influence of Parameter Mismatch on Natural Field Orientation Controlled Induction								

Varšava, 6-19 Oktobar, 2005

Total of SCI(SSCI) list papers :

Quotation total :

Current projects

Summary data for teacher's scientific or art and professional activity:

3

4

Domestic :

1

0

International :



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



Study Programme Accreditation

UNDERGRADUATE ACADEMIC STUDIES

Production Engineering

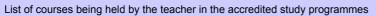
Name and last name:					Perišić R. Branko				
	Academic title:					Associate Professor			
		itution	vhere the to	acher works full time and					
	starting date:			01.04.1983					
	ntific or art f	ield:			Applied Computer Science and Informatics				
Acad	emic cariee	er	Year	Institution			Field		
Acad	emic title el	ection:	2011	Faculty of Technical Sci	ences - Novi S	ad	Applied Computer Science and Informatics		
Educ Thes	ation Speci	alist	2007	Software Engineering In University - Pittsburgh	stitute at Carna	agie Mellon	Computer Science		
	ation Speci	alist	2004	Software Engineering In University - Pittsburgh	stitute at Carna	agie Mellon	Computer Science		
	thesis		1994	Faculty of Technical Sci	ences - Novi S	ad	Applied Computer Science and Informatics		
Magi	ster thesis		1986	Faculty of Technical Sci	ences - Novi S	ad	Applied Computer Science and Informatics		
Bach	elor's thesis	S	1977	Faculty of Electrical Eng	jineering - Sara	ijevo	Electrical and Computer 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		
						(E20) Con Academic	nputing and Control Engineering, Undergraduate Studies		
1.	E235	Funda Engine		Information Systems and	Software	(F10) Eng Studies	ineering Animation, Undergraduate Academic		
						(MR0) Measurement and Control Engineering, Undergraduate Academic Studies			
						(E20) Con Academic	nputing and Control Engineering, Undergraduate Studies		
2.	E242	Software Specification and Modeling					tware Engineering and Information Technologies, uate Academic Studies		
						(SEL) Software Engineering and Information Technologies - Loznica, Undergraduate Academic Studies			
3.	E2S40	Softwa	are Patterns	and Components		(E20) Con Academic	nputing and Control Engineering, Undergraduate Studies		
0.	L2340	Soltwa	are r allerna			(MR0) Measurement and Control Engineering, Undergraduate Academic Studies			
						(E20) Con Academic	nputing and Control Engineering, Undergraduate Studies		
4.	RI45	Softwa	are Design				asurement and Control Engineering, uate Academic Studies		
ч.	1140	Software Design					tware Engineering and Information Technologies, uate Academic Studies		
						(SEL) Software Engineering and Information Technologies - Loznica, Undergraduate Academic Studies			
						(E20) Con Academic	nputing and Control Engineering, Undergraduate Studies		
5.	RI53	Busine	ess Informa	tion Systems			tware Engineering and Information Technologies, uate Academic Studies		
							tware Engineering and Information Technologies - ndergraduate Academic Studies		
6.	ISIT22	Osnov	e baza pod	ataka			vare and Information Technologies (Inđija), uate Professional Studies		
7.	ISIT26	Upravl	janje projek	tima		(SII) Software and Information Technologies (Indija), Undergraduate Professional Studies			
8.	ISIT28	Inform	aciona bezl	bednost		(SII) Software and Information Technologies (Inđija), Undergraduate Professional Studies			
9.	ISIT2E	Osnov	e projektov	anja softvera		(SII) Software and Information Technologies (Inđija), Undergraduate Professional Studies			
10.	ISIT33	Integra	acija i verifik	acija softverskih aplikacija	a		vare and Information Technologies (Inđija), uate Professional Studies		



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

Study Programme Accreditation

UNDERGRADUATE ACADEMIC STUDIES



	ID	eing held by the teacher in the accredited study programme Course name	
		Course name	Study programme name, study type
11.	SE0011	Introduction to Software Engineering	(SE0) Software Engineering and Information Technologies, Undergraduate Academic Studies
			(SEL) Software Engineering and Information Technologies - Loznica, Undergraduate Academic Studies
			(P00) Production Engineering, Undergraduate Academic Studies
12.	SE0017	Software Development Metrodologies	(SE0) Software Engineering and Information Technologies, Undergraduate Academic Studies
			(SEL) Software Engineering and Information Technologies - Loznica, Undergraduate Academic Studies
13.	SES103	Oral and written communication skills	(SE0) Software Engineering and Information Technologies, Undergraduate Academic Studies
10.	020100		(SEL) Software Engineering and Information Technologies - Loznica, Undergraduate Academic Studies
14.	SES40	Software patterns and components	(SE0) Software Engineering and Information Technologies, Undergraduate Academic Studies
1-7.	02040		(SEL) Software Engineering and Information Technologies - Loznica, Undergraduate Academic Studies
15.	E2508	Agile Software Development Methodology	(E20) Computing and Control Engineering, Master Academic Studies
10.	L2000	Agic contware Development Methodology	(SE0) Software Engineering and Information Technologies, Master Academic Studies
			(E20) Computing and Control Engineering, Master Academic Studies
16.	E2509	Protection and Recovery of Software Systems	(MR0) Measurement and Control Engineering, Master Academic Studies
10.	L2509	There and Recovery of Software Systems	(SE0) Software Engineering and Information Technologies, Master Academic Studies
		The application of information to share a size in an approximation	(E10) Power, Electronic and Telecommunication Engineering, Master Academic Studies
17.	GS014	The application of information technologies in energy efficiency	(G10) Energy Efficiency in Buildings, Specialised Academic Studies
			(E20) Computing and Control Engineering, Master Academic Studies
18.	E2522		(MR0) Measurement and Control Engineering, Master Academic Studies
10.	LLULL		(SE0) Software Engineering and Information Technologie Master Academic Studies
			(E10) Power, Electronic and Telecommunication Engineering, Master Academic Studies
19.	DRNI05	Selected Topics in Software Standardization and Quality	(E20) Computing and Control Engineering, Doctoral Academic Studies
			(F20) Engineering Animation, Doctoral Academic Studies
20.	DRNI08	Selected Topics in Information Systems	(E20) Computing and Control Engineering, Doctoral Academic Studies
21.	DAU014	Selected Topics in Computing	(E20) Computing and Control Engineering, Doctoral Academic Studies
21.	DA0014		(OM1) Mathematics in Engineering, Doctoral Academic Studies
22.	DRNI12	Selected Topics in Contemporary Software Development Methods	(E20) Computing and Control Engineering, Doctoral Academic Studies
			(F20) Engineering Animation, Doctoral Academic Studies
Rep		e refferences (minimum 5, not more than 10)	
1.	2004	5, G. Milosavljević "A Method and Tool for Rapid Prototyping	
2.	Compute	., Milosavljević G., Dejanović I., Milosavljević B.: UML Profil r Science and Information Systems (ComSIS), 2011, Vol. 8,	, No 2, pp. 405-426, ISSN 1820-0214
3.		ć I., Milosavljević G., Tumbas Živanov M., Perišić B.: A Don Applications, Computer Science and Information Systems	nain-Specific Language for Defining Static Structure of (ComSIS), 2010, Vol. 7, No 3, pp. 409-440, ISSN 1820-0214

4	TAS STUD		UNIVERSITY OF NO	VI SAD		WYKHX HA							
AN AN AN		FACULTY OF TECHNICAL SCIENCES 21000 NOVI SAD, TRG DOSITEJA OBRADOVIĆA 6											
D'IL		Study F	Study Programme Accreditation										
.01	LANTER	UNDERGRADUATE ACADEMIC S	STUDIES		Production Engineering	HO							
Representative refferences (minimum 5, not more than 10)													
4.	4. Branko Perišić "DMIS-Distributed Medical Information System Concept&Structure", SystemScienceJournal N0.1 Vol.13 1987												
5.	5. Dejanović I., Perišić B., Milosavljević G., Stričević N.: Towards a foundation for distributed version control of SLE artifacts. In 3rd International Workshop on Model-Based Software and Data Integration												
6.	 Milosavljević G., Dejanović I., Perišić B.: Ready for the industry: A practical approach to teaching mde. In 7th Educators Symposium@MODELS 2011: Software Modeling in Education, pages 31-40, Wellington, New Zealand, www.se.uni- oldenburg.de/documents/olnse-2-2011-EduSymp.pdf 												
7.						 7. Milosavljević G., Dejanović I., Perišić B., Milosavljević B.: UML Profile for Specifying User Interfaces of Business Applications, 14. Advances in Databases and Information Systems, Novi Sad, 20-24 Septembar, 2010, pp. 77-94 							
8.	Dejanović I. Tumbes Živanov M. Milosavljavić G. Peričić B. Comparison of Textual and Visual Notations of DOMMI ite Domain-												
0.	Specific La												
8. 9.	G.Milosavlj		s and Information Syst	tems, Novi Sad, 2	0-24 Septembar, 2010, pp.	20-24							
	G.Milosavlj Systems Pr Perišić B., 2	nguage, 14. Advances in Databases ević, B.Perišić "Really Rapid Prototy	s and Information Systems yping of Large-Scale E	tems, Novi Sad, 2 Business Informati	0-24 Septembar, 2010, pp. on Systems", IEEE Workst	20-24 hop on Rapid							
9. 10.	G.Milosavlj Systems Pr Perišić B., Z Rađeno za	nguage, 14. Advances in Databases ević, B.Perišić "Really Rapid Prototy ototyping San Diego 2003 Zečević I.: Program package Unive	s and Information Syst yping of Large-Scale E rsity organizational str	tems, Novi Sad, 2 Business Informati	0-24 Septembar, 2010, pp. on Systems", IEEE Workst	20-24 hop on Rapid							
9. 10. Sur	G.Milosavlj Systems Pr Perišić B., Z Rađeno za	nguage, 14. Advances in Databases ević, B.Perišić "Really Rapid Prototy ototyping San Diego 2003 Zečević I.: Program package Unive TEMPUS , 2007	s and Information Syst yping of Large-Scale E rsity organizational str	tems, Novi Sad, 2 Business Informati	0-24 Septembar, 2010, pp. on Systems", IEEE Workst	20-24 hop on Rapid							
9. 10. Sur Quot	G.Milosavlj Systems Pr Perišić B., 2 Rađeno za mmary data fo	nguage, 14. Advances in Databases ević, B.Perišić "Really Rapid Prototy ototyping San Diego 2003 Zečević I.: Program package Unive TEMPUS, 2007 r teacher's scientific or art and profe	s and Information Sys yping of Large-Scale E rsity organizational str essional activity:	tems, Novi Sad, 2 Business Informati	0-24 Septembar, 2010, pp. on Systems", IEEE Workst	20-24 hop on Rapid							



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

A REAL PROPERTY AND A REAL

Study Programme Accreditation

UNDERGRADUATE ACADEMIC STUDIES

Production Engineering

Name	e and last n	ame:				Pilić M. Branka					
	emic title:					Associate Pro					
Name of the institution where the teacher works full time and				Faculty of Te							
	ng date:					01.10.2000					
Scier	ntific or art f	ield:				Technologica	I Engineerin	ıg			
Acad	emic cariee	er	Year	Institution				Field	b		
Acad	emic title el	ection:	2011	Faculty of Technol	ogy -	Novi Sad		Tec	hnological Engineering		
PhD	thesis		2006	Faculty of Technol	ogy -	Novi Sad		Tec	hnological Engineering		
Magi	ster thesis		2001	Faculty of Technol	ogy -	Novi Sad		Tec	hnological Engineering		
Bach	elor's thesis	5	1991	Faculty of Technol	ogy -	Novi Sad		Tec	hnological Engineering		
List o	f courses b	eing he	ld by the te	acher in the accredit	ted stu	udy programme	s				
	ID	Course	e name				Study pro	gram	me name, study type		
1.	P3402	Physic	al and Pha	se States of Polyme	rs		(P00) Prod Studies	ductio	n Engineering, Undergr	aduat	te Academic
2.	DP026	Moder	n methods	for polymers investig	gation		(M00) Med	chanio	cal Engineering, Doctora	al Aca	ademic Studie
Representative refferences (minimum 5, not more than 10)											
1.	1. Bera, O., Pavličević, B., Jovičić, M., Stoiljković, D., Pilić, B., Radičević, R., The influence of nanosilica on styrene free radical polymerization kinetics, Polymer Composites, Vol 33 (2012), pp 262-266.										
2.	2. Bera, O., Pilić, B., Pavličević, J., Jovičić, M., Holo, B., Mészáros Szécsényi, K., Špirkova, M.: Preparation and thermal properties of polystyrene/silica nanocomposites, Thermochimica Acta, 2011, Vol. 515, pp. 1-5, ISSN 0040-6031.										
3.	Bjelović Z., Ristić I.S., Budimski-Simendić J., Jovičić M., Pavličević J., Pilić B., Cakić S., Ispitivanje kinetike reakcije dobijanja										
4.				n, L., Markovic, D., P 2011, Vol 48, No 2, p			, Study of P	MMA	biopolymer properties t	reate	d by microway
5.									pact Strength of Microw 61-265, ISSN 0025-528		reated
6.	polymeriz	zations,	Part VII, Ef		ctive o				nechanism and simulation of ethe		
7.	Natta pol	ymeriza	tions, Part						lation mechanism and s nromium oxide, Journal		
8.		-Natta p	oolymerizat						harge percolation mecha of the Serbian Chemical		
9.	Pilic B., Stoiljovic D., Bakocevic I., Jovanovic S., Panic D., Korugic-Karasz Lj., Polymer Structure Prediction by Computer										
10.	Natta pol	ymeriza	tion, Part II		oort na	ano-particles, ir	Norugic-Ka	arasz	ercolation theory and si Lj., MacKnight W. and N		
Sun	nmary data	for teac	her's scien	tific or art and profes	ssiona	al activity:					
Quot	ation total :				3						
Total of SCI(SSCI) list papers : 11											
	Current projects : Domestic :						2		International :		



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



Study Programme Accreditation

UNDERGRADUATE ACADEMIC STUDIES

Production Engineering

Name and last name:			Plančak E. Miroslav						
Academic title:			Full Professor						
Name	e of the inst	itution w	vhere the te	eacher works full time and	Faculty of Technical Sciences - Novi Sad				
-	ng date:				01.01.1975				
Scier	ntific or art fi	ield:			Plastic Deformation Technology, Rapid Prototyping, Virtual				
Acad	emic cariee	er	Year	Institution			Field		
Acad	emic title el	ection:	1995	Faculty of Technical Scie	ences - Novi Sa	ad	Plastic Deformation Technology, Rapid Prototyping, Virtual		
PhD	thesis		1985	Faculty of Technical Scie	ences - Novi Sa	ad	Plastic Deformation Technology, Rapid Prototyping, Virtual		
Magi	ster thesis		1979	Faculty of Technical Scie	ences - Novi Sa	ad	Plastic Deformation Technology		
Bach	elor's thesis	5	1969	Faculty of Technical Scie	ences - Novi Sa	ad	Plastic Deformation Technology, Rapid Prototyping, Virtual		
List c	f courses b	eing hel	d by the tea	acher in the accredited stu	idy programme	S			
	ID	Course	e name			Study pro	ogramme name, study type		
1.	IA016	Introdu	iction to Vir	tual Reality Technology		(F10) Engi Studies	ineering Animation, Undergraduate Academic		
2.	P207	Metal f	forming			(P00) Proc Studies	duction Engineering, Undergraduate Academic		
3.	P2401	Advanced Methods in Metal Forming				(P00)Proo Studies	duction Engineering, Undergraduate Academic		
4.	P2413	Computer Aided Design of Tools and Dies Forming			or Metal	Studies	Production Engineering, Undergraduate Academic		
5.	P303	3, 3				Studies	duction Engineering, Undergraduate Academic		
6.	P3403	Technology of Plastic Forming - Shaping of material			plastic	Studies	duction Engineering, Undergraduate Academic		
7.	P3503	Machines and Devices for Plastic Processin			-	Studies	duction Engineering, Undergraduate Academic		
8.	BM119D	Revers engine		ing and rapid prototyping	in biomedical	(BM0) Biomedical Engineering, Undergraduate Academic Studies			
9.	M2062	Mecha	nical engin	eering technologies 2		 (M20) Mechanization and Construction Engineering, Undergraduate Academic Studies (M40) Technical Mechanics and Technical Design, Undergraduate Academic Studies 			
10.	P2407	Rapid	Prototypina	and Rapid Tooling		(PM0) Production Engineering, Master Academic Studies			
11.	P3501	-	esigning for	· · · · · ·		(PM0) Production Engineering, Master Academic Studies			
12.	P3503A		<u> </u>	ocess Systems for Plastic	Treatment	(PM0) Production Engineering, Master Academic Studies			
13.	NIT01			t Development		(NIT) Industrial Engineering - Advanced Engineering Technologies, Master Academic Studies			
14.	BMIM4B	Techno	ologies of s	haping biomedical materia	als		medical Engineering, Master Academic Studies oduction Engineering, Master Academic Studies		
15.	MIA11	Machir	nes and die	s for powder forming		, ,	oduction Engineering, Master Academic Studies		
16.	P321			ring and Rapid Prototyping	3	, ,	strial Engineering, Master Academic Studies		
17.	PMISP1			nulation of Metal Forming		· ,	oduction Engineering, Master Academic Studies		
18.	DM411	Conter Engine	mporary Ap	proach to Integration of Reapid Prototyping, Tools, Pro	everse		chanical Engineering, Doctoral Academic Studies		
19.	DP001	Design Engine	n and Resea	arch Methods in Productio		(M00) Med	chanical Engineering, Doctoral Academic Studies		
20.	DP005		and Tenden	cies in Development of Moment	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 Modelling	g and TPD Simulation by (Computers	(M00) Med	chanical Engineering, Doctoral Academic Studies		
23.	DP015			Procedures of Forming in		(M00) Med	chanical Engineering, Doctoral Academic Studies		
24.	DP027		ced technol acturing	logies of plastics packiging	9	(M00) Mechanical Engineering, Doctoral Academic Studies			
25.	DP029			pment of Polymeric Produ	icts	(M00) Med	chanical Engineering, Doctoral Academic Studies		



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)								
1.	Essa K., Kacmarcik I., Hartley P., Plancak M., Technology, 2012, Vol 212, Nr 4, pp. 817-824,			illets, Journal of Materials F	Processing			
2.	Vilotić D., Plančak M., Čupković Đ., Aleksandro Free Surface Fracture in Three Upsetting Tests	,		6, 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 th Material processing Technology, Vol 125-126,				es, Journal of			
8.	Plančak M.: Stress distribution within specimer 24, 1990, pp. 387-394, ISSN/ISBN: 0924-0136		sion of steel, Jour	nal of Materials Processing	Technology, Vol			
9.	Vilotic D., Alexandrov S., Plancak M., Vilotic M Flat Dies, Steel Research International Special	, ,		, , , , ,	ylindrical and			
10.	Plancek M, Hartley P, Fesa K, Vilotic D, Movrin D, Luzanin O, Deformation analysis during hi-metallic coining operations. Steel							
Sur	nmary data for teacher's scientific or art and profe	essional activity:						
Quot	ation 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

Production Engineering

				-					
Name and last name:			Prša A. Miroslav						
	lemic title:					Associate Professor			
		itution v	vhere the te	eacher works full time	e and				
	ng date:	iold				29.09.1975 Theoretical Electrotechnics			
	ntific or art f		X			I neoretical E	lectrotecnni		
	lemic caries		Year	Institution					
	lemic title e	ection:	2010					Theoretical Electrotechnics	
PhD	thesis		1986	Faculty of Technic				Electrical and Computer Engineering	
Magi	ster thesis		1974	Ljubljana		-	Electrical and Computer Engineering		
	elor's thesis		1971	Faculty of Natural		-		Electrical and Computer Engineering	
List o	of courses b	eing he	ld by the te	acher in the accredit	ted stu	udy programme	es I		
	ID	Course	e name				Study pro	ogramme name, study type	
1.	EE300	Electro	omagnetics					er, Electronic and Telecommunication g, Undergraduate Academic Studies	
								chanization and Construction Engineering, luate Academic Studies	
							(M30) Ene Academic	ergy and Process Engineering, Undergraduate Studies	
	Made	Ele-t.	eel Existe	aine and Electric M	 	_		chnical Mechanics and Technical Design, luate Academic Studies	
2.	M112	112 Electrical Engineering and Electric Machine			25	(P00)Pro Studies	duction Engineering, Undergraduate Academic		
						(S00) Trat Academic	ffic and Transport Engineering, Undergraduate Studies		
								tal Traffic and Telecommunications, uate Academic Studies	
3.	Z107	Electri	ectrical Engineering, Environment and Protection			otection	` ´´	ety at Work, Undergraduate Academic Studies ronmental Engineering, Undergraduate Academic	
4.	EE543	Electro	Magnetic	Energy				er, Electronic and Telecommunication g, Master Academic Studies	
5.	EM511	Quant	um and Org	anic Electronics			(E10) Power, Electronic and Telecommunication Engineering, Master Academic Studies		
Rep	oresentative	reffere	nces (minin	num 5, not more than	n 10)			-	
1.				nem vodniku pravok , Fakulteta za elektro				at u pravom provodniku pravougaonog poprečnog	
2.	M. Prša,	"Prilog a	analizi i opti					kolima sa promenljivom reluktansom", doktorska	
3.				V. Bajović: Determir 007, Phuket, Tailand			dance, PSU	-UNS International Conference on Engineering	
4.				rša: Electric Field of nt – ICEE - 200, Phu				ms, PSU-UNS International Conference on	
5.			, ,					F of Voltage Measuring Trnasformer, 8th do 5. Septembar, 2007.	
6.				Prša: Electric Field Sitromagnetics PES 2				Three-Phase Power Lines , 8th International nbar, 2007.	
7.	,			An Accurate Determ ES 2007, Niš, Srbija:				thin the Earth, 8th International Conference on	
8.			-					d, Stylos, 1995. 248 str.	
9.				ektrotehnike za stud tr., ISBN 86-80249-4		neelektrotehnič	kih fakulteta	a - zbirka zadataka, Novi Sad, FTN - Edicija	
Sur				tific or art and profes		al activity:			
Quotation total : 0									
Total of SCI(SSCI) list papers : 0									
Current projects : Domestic :				Dome	estic :	0	International : 0		



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

STATES TO STATES

Study Programme Accreditation

UNDERGRADUATE ACADEMIC STUDIES

Production Engineering

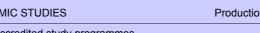
Name and last name:					Radonić R. Jelena				
Name and last name: Academic title:					Radonić R. Jelena Assistant Professor				
						stant Professor Ilty of Technical Sciences - Novi Sad			
	e of the insi ng date:		viere the te	acher works full time and	01.04.2004				
	ntific or art f	ield:				nent Protection Engineering			
Acad	lemic carie	er	Year	Institution			Field		
Acad	lemic title e	lection:	2009	Faculty of Technical Sci	ences - Novi S	ad	Environment Protection Engineering		
	thesis		2009	Faculty of Technical Sci			Environment Protection Engineering		
Magi	ster thesis		2006	University of Novi Sad -	Novi Sad		Environment Protection Engineering		
Bach	elor's thesis	s	2002	Faculty of Technology -	Novi Sad		Technological Engineering		
List o	of courses b	eing he	ld by the te	acher in the accredited stu	udy programme	es			
	ID	Course	e name			Study pro	ogramme name, study type		
1.	URZP45	Mobile	Equipmen	t and Fire Extinguishing E	quipment	Undergrad	aster Risk Management and Fire Safety, uate Academic Studies		
2.	URZP61	Funda	mentals of	the Burning Processes Th	eory		aster Risk Management and Fire Safety, uate Academic Studies		
3.	Z102	Techn	ical Chemis	stry		Studies	ronmental Engineering, Undergraduate Academic		
4.	Z109	Chemi	cal Principl	es in Environmental Engir	neering	(Z20) Envir Studies	ronmental Engineering, Undergraduate Academic		
5.	Z305	Data A	Analysis of E	Environmental Condition		(Z20) Envir Studies	onmental Engineering, Undergraduate Academic		
						(Z01) Safe	ety at Work, Undergraduate Academic Studies		
6.	Z305A	Environmental data analysis				(ZC0) Clea Academic	an Energy Technologies, Undergraduate Studies		
7.	Z102	Tehnička hemija(uneti naziv na engleskom))	(Z20) Envi Studies	ronmental Engineering, Undergraduate Academic		
8.	Z109	Hemijs sredin	ski principi ι e(uneti nazi	u inženjerstvu zaštite život iv na engleskom)	ine	(Z20) Envi Studies	ronmental Engineering, Undergraduate Academic		
						Undergrad	chanization and Construction Engineering, luate Academic Studies		
						 (M30) Energy and Process Engineering, Undergraduate Academic Studies (M40) Technical Mechanics and Technical Design, Undergraduate Academic Studies 			
9.	Z151	Chemi	stry in Mec	hanical Engineering					
						(P00) Production Engineering, Undergraduate Academic Studies			
						(ZC0) Clean Energy Technologies, Undergraduate Academic 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	cal Course i	n Environment Protection		(Z20) Envi	ronmental Engineering, Master Academic Studies		
14.	Z507	Physic	al and Che	mical Principles		(Z20) Envi	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	· · ·	enjerstvo tretmana i zaštite voda - TEMPUS(uneti ngledskom), Master Academic Studies		
17.	SZD050		port and dis	tribution of pollutants in he ystems	eterogeneous	(Z00) Env Studies	ironmental Engineering, Specialised Academic		
18.	SZDO03	Applie	d Analysis o	of Physical and Chemical	Parameters	(Z00) Env Studies	ironmental Engineering, Specialised Academic		
19.	SZSP09	Reme	diation of co	ontaminated locations		(Z00) Env Studies	ironmental Engineering, Specialised Academic		
20.	SZSP17			mentalne metode analize oj sredini	zagađujućih	(Z00) Env Studies	ironmental Engineering, Specialised Academic		
	Studies								



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

Study Programme Accreditation

UNDERGRADUATE ACADEMIC STUDIES



List o	List of courses being held by the teacher in the accredited study programmes								
	ID	Course name		Study program	ne name, study type				
21.	HDOK11	Advanced Application of ICT in Agric	culture	(H00) Mechatro	nics, Doctoral Academic Stu	dies			
22.	HDOL11	Advanced application of ICT in agric	ulture	(H00) Mechatronics, Doctoral Academic Studies					
23.	ZD050	Transport and distribution of pollutants in heterogeneous multicomponent systems(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	e refferences (minimum 5, not more th	an 10)						
1.	Turk Sekulić M., Radonić (Jakšić) J., Đogo M.: Characterization of gas/particle partitioning of PCBs and PAHs in a pilot area of								
2.	 Radonić (Jakšić) J., Turk Sekulić M., Vojinović-Miloradov M., Klanova J.: Gas/particle partitioning of persistent organic pollutants generated during the war accident in Serbia , Environmental Science and Pollution Research, 2009, Vol. 16, No 1, pp. 65-72, ISSN 0944-1344 								
3.	 Turk Sekulić M., Radonić (Jakšić) J., Vojinović-Miloradov M., Klanova J.: Post-war levels of persistent organic pollutants (POPs) in air from Serbia determined by active and passive sampling methods , Environmental Chemistry Letters, 2007, Vol. 5, No 3, pp. 109-113, ISSN 1610-3653 								
4.	Jovčić N., Radonić (Jakšić) J., Turk Sekulić M., Vojinović-Miloradov M., Popov S.: Identification of emission sources of particle- 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								
5.		tić N., Milić N., Turk Sekulić M., Rado organic contaminants in the Danube							
6.	antibiotic	Milanović M., Grujić Letić N., Turk Sek s as emerging contaminant substance 2012, pp. 1-15, ISSN 0960-3123							
7.	coefficier industrial	(Jakšić) J., Vojinović-Miloradov M., Tu it, KOA, as a predictor of gas-particle and urban sites, Journal of Serbian C JSC100616037R	partitioning of polycyc	lic aromatic hydro	carbons and polychlorinated	l biphenyls at			
8.	based on	(Jakšić) J., Ćulibrk D., Vojinović-Milor: M5' model trees, Thermal Science, 2 TSCI100809005R				oning of PAHs			
9.	Polychlor	ulić M., Radonić (Jakšić) J., Vojinović- inated Biphenyls and Polycyclic Arom 371-380, ISSN 0367-598X, UDK: 504	atic Hydrocarbons Us						
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	, ,						
	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

Production Engineering

Name and last name:					Pakariá D. 7v	Rakarić Đ. Zvonko			
Academic title:					Rakarić Đ. Zvonko Assistant Professor				
		hitution	whore the to	ophor works full time and	F 11 (T	echnical Sciences - Novi Sad			
-	ng date:	litution v	vnere the te	acher works full time and	15.11.1999				
	ntific or art f	ield:			Mechanics				
	emic carie		Year	Institution			Field		
	emic title e		2012				Mechanics		
	thesis		2012	Faculty of Technical Sci	ences - Novi S	be	Technical Mechanics		
	ster thesis		2009	Faculty of Technical Sci			Mechanics		
	elor's thesis		1999	Faculty of Technical Sci			Mechanics		
		-		,			Nechanics		
LISU		eing ne	id by the tea	acher in the accredited stu	udy programme	:5			
	ID	Course	e name			Study programme name, study type			
1.	E104	Mecha	inics				ver, Electronic and Telecommunication g, Undergraduate Academic Studies		
1.	2104	Weend					asurement and Control Engineering, uate Academic Studies		
2.	F107	Techn	ical Mechar	nics		(F00) Graj Academic	phic Engineering and Design, Undergraduate Studies		
3.	GG14	Mecha	inics 2			(G00) Civil Engineering, Undergraduate Academic Studies			
4.	IAKI01	Select	ed Chapters	s in Kinematics		(F10) Engineering Animation, Undergraduate Academic Studies			
5.	M103	Mechanics 1				Undergrad (M30)Ene Academic (M40)Tec Undergrad			
6.	M107	Mechanics 2				 (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 			
							chanization and Construction Engineering, uate Academic Studies		
7.	M201	Macha	unice 3			(M30) Energy and Process Engineering, Undergraduate Academic Studies			
<i>'</i> .	IVIZU I		Mechanics 3			(M40) Technical Mechanics and Technical Design, Undergraduate Academic Studies			
						(P00) Production 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) Production Engineering, Undergraduate Academic Studies			
9.	M4301	Comp	uter Method	s in Mechanics			hnical Mechanics and Technical Design, uate Academic Studies		
10.	M45021	Compu	uter Method	s in Mechanics 2		(M40) Tec Academic	hnical Mechanics and Technical Design, Master Studies		
Rep	oresentative	e reffere	nces (minim	num 5, not more than 10)					

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



Study Programme Accreditation

UNDERGRADUATE ACADEMIC STUDIES

Production Engineering

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

Rep	Representative references (minimum 5, not more than 10)									
1.	Rakarić Z., Kovačić I.: An elliptic averaging me power restoring force, in press, Communication									
2.		Rakarić Z., Kovačić I.: Approximations for motion of the oscillators with a non-negative real power restoring force, Journal of Sound and Vibration, 2011, No 330, pp. 321-336, ISSN 0022-460X								
3.	Kovačić I., Rakarić Z.: Study of oscillators with a non-negative real-power restoring force and quadratic damping, Nonlinear Dynamics, 2011, Vol. 64, No 3, pp. 293-304, ISSN 0924-090X, UDK: DOI: 10.1007/s11071-010-9861-9									
4.	Cvetićanin L., Kovačić I., Rakarić Z.: Asymptotic methods for vibrations of the pure fractional-order non-linear oscillators, Computers									
5.	Kovačić I., Rakarić Z.: Oscillators with a fractional-order restoring force: higher-order approximations for motion via a modified Ritz method, Communication in Non-linear Science and Numerical Simulations, 2010, Vol. 15, pp. 2651-2658, ISSN 1007-5704									
6.	Kovačić I., Rakarić Z., Cvetićanin L.: A non-simultaneous variational approach for a certain class of non-linear oscillators , Applied Mathematics and Computation, 2010, Vol. 217, pp. 3944-3954, ISSN 0096-3003									
7.	Rakarić Z.: Oscillators with a quasi-constant restoring force: approximations for motion, Meccanica, 2010, ISSN 0025-6455									
8.	Rakarić Z., Kovačić I.: Oscillators with a purely forced response via elliptic functions and avera ISBN ISBN 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									
Sur	mmary data for teacher's scientific or art and profe	essional activity:								
Quot	tation total :	20								
Tota	l of SCI(SSCI) list papers :	6	1	1						
Curre	ent projects :	Domestic :	1	International :	1					



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



Study Programme Accreditation

UNDERGRADUATE ACADEMIC STUDIES

Production Engineering

Nor	and last -	amo			Palović M. N.	boiča			
					Full Professo	Ralević M. Nebojša			
						or echnical Sciences - Novi Sad			
-	e of the inst ng date:	litution v	vnere the te	eacher works full time and	01.10.1990	chnical Sciences - Novi Sad			
	ntific or art f	ield:			Mathematics				
	emic cariee		Year	Institution	Mathematics		Field		
	emic title el		2010	Faculty of Technical Sci	ences - Novi S	be	Mathematics		
	thesis		1997	Faculty of Sciences - No		au	Mathematical Sciences		
=			1997	Faculty of Sciences - No			Mathematical Sciences		
	ster thesis		1994	,			Mathematical Sciences		
	elor's thesis			Faculty of Sciences - No		-	Mathematical Sciences		
LIST	or courses b	eing ne	id by the tea	acher in the accredited stu	lay programme	es			
	ID	Course	e name			Study pro	gramme name, study type		
1.	H103	Mathe	matics 1			(H00) Mec	chatronics, Undergraduate Academic Studies		
2.	H107	Mathe	matics 2			(H00) Mec	chatronics, Undergraduate Academic Studies		
2	M4201	Matha	motion 2			(M30) Ene Academic	ergy and Process Engineering, Undergraduate Studies		
3.	M4201	watrie	matics 3				chnical Mechanics and Technical Design, uate Academic Studies		
4.	M4202	Applie	d Mathema	tical Analysis		(M40) Technical Mechanics and Technical Design, Undergraduate Academic Studies			
5.	P216	Numerical Analysis				(P00)Proo Studies	duction Engineering, Undergraduate Academic		
6.	0M502	Partial Differential Equations				(OM1) Ma Studies	thematics in Engineering, Master Academic		
7.	0M508	Mathematical Foundations of Fuzzy Systems			าร	(OM1) Ma Studies	thematics in Engineering, Master Academic		
8.	0M517	Numer	rical Analys	is		(OM1) Ma Studies	thematics in Engineering, Master Academic		
9.	0ML502	Partial	Differential	Equations		(OM1) Ma Studies	thematics in Engineering, Master Academic		
10.	0ML508	Mathe	matical Fou	indations of Fuzzy System	าร	(OM1) Mathematics in Engineering, Master Academic Studies			
11.	0ML517	Numer	rical Analys	is		(OM1) Mathematics in Engineering, Master Academic Studies			
						(E11) Power, Electronic and Telecommunication Engineering, Specialised Academic Studies			
						(112) Industrial Engineering, Specialised Academic Studies			
12.	DZ01MS	Select	ed Chapters	s in Mathematics			neering Management, Specialised Academic		
						(Z00) Environmental Engineering, Specialised Academic Studies			
13.	Z506	20BAd	Ivanced Co	urse in Mathematics 1		(ZP1) Disa Academic	aster Risk Management and Fire Safety, Master Studies		
						(Z20) Envir	ronmental Engineering, Master Academic Studies		
14.	Z506	Viši ku	irs matemat	tike 1(uneti naziv na engle	eskom)	(Z20) Envir	ronmental Engineering, Master Academic Studies		
15.	D0M02	Partial	Differential	Equations		(OM1) Ma Studies	thematics in Engineering, Doctoral Academic		
16.	D0M07	Mathe	matical Fou	indations of Fuzzy System	าร	(OM1) Ma Studies	thematics in Engineering, Doctoral Academic		
17.	D0M21	Fuzzy	Systems ar	nd Their Applications		(OM1) Ma Studies	thematics in Engineering, Doctoral Academic		
18.	D0M38	Non-lir	near Equation	ons and Their Application	S	(OM1) Ma Studies	thematics in Engineering, Doctoral Academic		
19.	D0M39	Optimi	zation Meth	nods and Mathematical Mo	odelling	(OM1) Mathematics in Engineering, Doctoral Academic Studies			
	Oldres								



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

Frank Bar

Study Programme Accreditation

UNDERGRADUATE ACADEMIC STUDIES

Production Engineering

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

List o	of courses b	eing held by the teacher in the accred	dited study programme	S				
	ID	Course name		Study programm	ne name, study type			
				(F20) Engineerii	ng Animation, Doctoral Acad	lemic Studies		
20.	DOM54	Computational geometry		(OM1) Mathema Studies	atics in Engineering, Doctora	I Academic		
				(F20) Engineering Animation, Doctoral Academic Studi				
21.	DOM55	Pattern Recognition		(OM1) Mathema Studies	atics in Engineering, Doctora	I Academic		
				(E10) Power, Electronic and Telecommunication Engineering, Doctoral Academic Studies				
				(E20) Computing Academic Studie	g and Control Engineering, I es	Doctoral		
				(F00) Graphic E Studies	ngineering and Design, Doc	toral Academic		
				(F20) Engineerii	ng Animation, Doctoral Acad	lemic Studies		
				(G00) Civil Engi	neering, Doctoral Academic	Studies		
				(GI0) Geodesy a	and Geomatics, Doctoral Ac	ademic Studies		
	DZOAN	1M Selected Chapters in Mathematics		(H00) Mechatro	nics, Doctoral Academic Stu	dies		
22.	DZ01M	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 Acade	emic Studies		
				(OM1) Mathema Studies	atics in Engineering, Doctora	I Academic		
				(S00) Traffic En	gineering, Doctoral Academ	ic Studies		
				(Z00) Environme Studies	ental Engineering, Doctoral	Academic		
				(Z01) Safety at	Work, Doctoral Academic St	udies		
Rep	oresentative	e refferences (minimum 5, not more th	an 10)					
1.	E. Pap, N	I. Ralević, Pseudo-Laplace transform,	, Nonlinear Analysis: T	heory Methods ar	nd Applications, 33 (1998), 5	33-550.		
2.	N. M. Ra	lević, Lj. M. Nedović, T. Grbić, The ps tation of their solution by the pseudo-i	eudo-linear superposit	ion principle for n	onlinear partial differential e			
3.	Lj. M. Ne (2005) 65	dović, N. M. Ralević, T. Grbić,Large o 5-76.	deviation principle with	generated pseud	o measures,Fuzzy Sets and	Systems 155		
4.	T. Lukić, (accepted	N. M. Ralević, Geometric Mean Newt d).	on"s Method for Simple	e and Multiple Ro	ots, Applied Mathematics Le	etters		
5.		, lević,One characterization of Navier-S	tokes equation, Acta N	Mechanica Slova	ca, Košice, ročnik 8., č. 4/20	04, str. 97-102.		
6.		ć, Some new properties of g-calculus						
7.	E. Pap, N	I. Ralević, Pseudo operations on finite	e intervals, Novi Sad J.	Math. Vol. 29, No	o. 1, 1999, 1-6			
8.	N. M. Ra	lević, A generalization of the Pseudo-	Laplace transform, No	vi Sad J. Math. Vo	ol. (accepted).			
9.	I. Kovače	vić, N. Ralević, Funkcionalna analiza,	, Edicija tehničke nauk	e, Novi Sad (2004	4), 203 str.			
10.	I. Kovače	vić, N. Ralević, Matematička analiza	l (uvodni pojmovi i grai	nični procesi), Nov	vi Sad (2000), 155 str.			
Sur	nmary data	for teacher's scientific or art and profe	essional activity:					
Quot	ation total :		28					
	,	CI) list papers :	10					
Curre	ent projects	:	Domestic :	2	International :	0		



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



Study Programme Accreditation

UNDERGRADUATE ACADEMIC STUDIES

Production Engineering

Academ Name of starting Scientifi Academ PhD the Magiste Bachelo	g date: ific or art fi mic cariee mic title ele nesis ter thesis lor's thesis	itution where the ield: rr Year ection: 2012 2007 1998 s 1993 eing held by the t Course name Theory of Machi Inovational Tech Technology for 0	-	14.03.1994 Processes for ences - Novi Sa ences - Novi Sa ences - Novi Sa ences - Novi Sa	ofessor chnical Scient Material Rec ad ad ad ad ss Study pro	nces - Novi Sad emoval Processing Field Processes for Material Removal Processing Processes for Material Removal Processing Processes for Material Removal Processing Processes for Material Removal Processing gramme name, study type			
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3. 4. 5.	P208 P305	Technology for (nologies		Studies				
4. 5.	P305				Studies	duction Engineering, Undergraduate Academic			
5.			Cutting Processing		Studies	duction Engineering, Undergraduate Academic			
	P4410	Nonconventiona	I Procedures in Processing		(P00)Proc Studies	duction Engineering, Undergraduate Academic			
6.		P4410 Design and Product Functionality			(P00)Proc Studies	duction Engineering, Undergraduate Academic			
	P316A Technology for Microcutting Processes				(P00)Proc Studies	duction Engineering, Undergraduate Academic			
7.	7. P1501 Ecological Technologies and Systems				Academic \$	hnical Mechanics and Technical Design, Master Studies duction Engineering, Master Academic Studies			
8.	8. P1505 Modelling and Simulation in Processing				(PM0) Pro	duction Engineering, Master Academic Studies			
9.	P1509	Highly Productiv	e Processing		(PM0)Pro	duction Engineering, Master Academic Studies			
10.	P3502	Mold and die ma	achining technology		(PM0)Pro	duction Engineering, Master Academic Studies			
11.	P4410A	Production Desi	gn		(PM0) Production Engineering, Master Academic Studies				
12.	PP101	Inteligent Formin	ng Processes		(PM0) Production Engineering, Master Academic Studies				
13. 2	ZRMI2A	Product safety a	nd user/consumer protecti	on	(Z01) Safety at Work, Master Academic Studies				
14.	DP001	Engineering	earch Methods in Productic		, ,	chanical Engineering, Doctoral Academic Studies			
15.	DP002		in Forming by Material Ren			chanical Engineering, Doctoral Academic Studies			
16.	DP009	Removal	nce Application in Forming	-	(M00) Med	chanical Engineering, Doctoral Academic Studies			
17.	DP020	Forming Proces			, ,	chanical Engineering, Doctoral Academic Studies			
18.	DP021	Material Remov		iing by	(M00) Meo	chanical Engineering, Doctoral Academic Studies			
19. Z	ZRD211	Sustainable des	ign and product safety		(Z01) Safe	ety at Work, Doctoral Academic Studies			
		·	imum 5, not more than 10) Sekulić M Škorić B Influ	ience of discha	rae enerav (on machining characteristics in EDM, J MECH			
1.	SCI TECH	HNOL, 2012, Vol.	26, No 1, pp. 173-179, ISS	SN 1738-494X		iments versus Taguchi Method in the			
2. (Optimizat	ion of Turning, M	etalurgija, 2011, Vol. 50, No	o 1, pp. 17-20,	IŠSN 0543-	5846			
3. I	Inverse H ISSN 003	eat Conduction A 9-2480	nalysis, Strojniski vestnik =	Journal of Me	chanical Eng	Thermal State in Creep-Feed Grinding Using gineering, 2011, Vol. 57, No 10, pp. 730-738,			
4. I	Indian Ac	ademy of Science				nization of the thermal process in machining, cience, 2011, Vol. 36, No 4, pp. 489-504, ISSN			
			Škorić B., Sekulić M.: Effe 2011, Vol. 18, No 6, pp. 41		0256-2499 Gostimirović M., Kovač P., Škorić B., Sekulić M.: Effect of Electrical Pulse Parameters on the Machining Performance of EDM,				

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AL COR		FACULTY OF TECHNICAL SCI	FACULTY OF TECHNICAL SCIENCES 21000 NOVI SAD, TRG DOSITEJA OBRADOVIĆA 6					
2700000		Study F	Study Programme Accreditation					
.0t	LANTEN	UNDERGRADUATE ACADEMIC	STUDIES		Production Engineering	HOS HOS		
Rep	presentative re	efferences (minimum 5, not more th	an 10)					
6.		Jurković Z., Hadžistević M., Gostim g force in face milling, Metalurgija, 2				iterial on the		
7.		Kovač P., Gostimirović M.: Drilling r University Studies, Cracow Univer	•	0 0	-			
8.		Gostimirović M., Sekulić M., Pižurica ngineering, 2010, Vol. 10, No 2, pp.			or Cutting Regime Setting,	lournal of		
9.		Kovač P.: Modelling of component 2, pp. 65-72, ISSN 1895-7595	s of resultant force du	ring face milling	, Journal of Machine Engi	neering, 2008,		
10.	Milikić, D., Sekulić, M., Gostimirović, M., Uzelac, S. Naziv: Uticaj trenja i poprečnog sečiva burgije na položaj i veličinu sila rezar Naziv časopisa: Časopis Jugoslovenskog društva za tribologiju TRIBOLOGIJA U INDUSTRIJI, 1999.							
Summary data for teacher's scientific or art and professional activity:								
Quot	ation total :		40					
Total	of SCI(SSCI)	list papers :	6					
Curre	ent projects :		Domestic :	1	International :	3		



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



Study Programme Accreditation

UNDERGRADUATE ACADEMIC STUDIES

Production Engineering

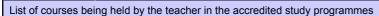
Name and last name: Slac					Sladić S. Cor	Sladić S. Goran			
	emic title:	ame.				sistant Professor			
		titution	where the to	acher works full time and			nces - Novi Sad		
	ng date:				01.02.2004				
	tific or art f	ield:				Applied Computer Science and Informatics			
Acad	emic cariee	er	Year	Institution		Field			
Acad	emic title el	lection:	2011	Faculty of Technical Sci	ences - Novi S	ad	Applied Computer Science and Informatics		
	thesis		2011	Faculty of Technical Sci			Computer Science		
Magis	ster thesis		2006	Faculty of Technical Sci			Computer Science		
	Bachelor's thesis 2002 Faculty of Technical Sc			Faculty of Technical Sci					
List of courses being held by the teacher in the accredited stu				acher in the accredited stu	udv programme	s			
	ID		e name				gramme name, study type		
						Academic	nputing and Control Engineering, Undergraduate Studies ver Software Engineering, Undergraduate		
1.	E239A	Web P	Programmin	g		Academic (MR0) Me			
						(E10) Pow	er, Electronic and Telecommunication g, Undergraduate Academic Studies		
						(E20) Computing and Control Engineering, Undergraduate Academic Studies			
2.	F2F41	E2E41 E-Business Systems Security			Undergrad	asurement and Control Engineering, uate Academic Studies			
2.							(SE0) Software Engineering and Information Technologies, Undergraduate Academic Studies		
						Loznica, U	tware Engineering and Information Technologies - ndergraduate Academic Studies		
						Academic			
3.	E2K41	Distrib	Distributed Artificial Intelligence and Intellige		ent Agents	Undergrad	asurement and Control Engineering, uate Academic Studies		
				с с С		Undergrad	tware Engineering and Information Technologies, uate Academic Studies		
						(SEL) Software Engineering and Information Technologies - Loznica, Undergraduate Academic Studies			
4.	EOS36	Elektro	onsko poslo	vanje i ugovaranje		Energy, Ur	ver Engineering - Renewble Sources of Electrical indergraduate Professional Studies		
5.	F501	WEB [Design			Academic			
			Ŭ			Studies	ineering Animation, Undergraduate Academic		
6.	ISIT10	Introdu	uction to So	ftware Development		Undergrad	vare and Information Technologies (Inđija), uate Professional Studies		
7.	ISIT20	Object	-oriented P	rogramming Platforms		Undergrad	vare and Information Technologies (Inđija), uate Professional Studies		
8.	ISIT2A	Softwa	are Develop	ment Techniques		Undergrad	vare and Information Technologies (Inđija), uate Professional Studies		
9.	SE0006	Object	t oriented pr	ogramming 1		Undergrad	tware Engineering and Information Technologies, uate Academic Studies tware Engineering and Information Technologies -		
						Loznica, U	ndergraduate Academic Studies		
10.	SE0014	Compu	uter organis	ation		Undergrad	tware Engineering and Information Technologies, uate Academic Studies tware Engineering and Information Technologies -		
						Loznica, U	ndergraduate Academic Studies		



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

Study Programme Accreditation

UNDERGRADUATE ACADEMIC STUDIES



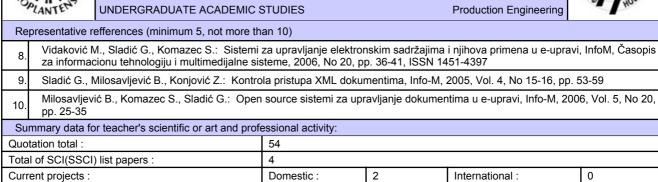
13. SES103 Oral and written communication skills (SED) Software Engineering and Information Technologies, Undergraduate Academic Studies 14. E2501 Electronic Payment Systems (E20) Computing and Control Engineering, Master Academic Studies 15. EP007 Document and content management (I20) Engineering Management - MBA, Specialised Professional Studies 16. E2522 Software Standardization and Quality (E20) Computing and Control Engineering, Master Academic Studies 17. SEM009 Identity Management (SEL) Software Engineering and Information Technologies, Master Academic Studies 18. SEM013 E-government technologies (SED) Software Engineering and Information Technologies, Master Academic Studies 18. SEM013 E-government technologies (SED) Software Engineering and Information Technologies, Master Academic Studies	List c	st of courses being held by the teacher in the accredited study programmes							
11. SE0017 Software Development Metrodologies (SED) Software Engineering and Information Technologies, Undergraduate Academic Studies 12. SE0024 Software Construction and Testing (SED) Software Engineering and Information Technologies, Undergraduate Academic Studies 13. SES103 Oral and written communication skills (SED) Software Engineering and Information Technologies, Undergraduate Academic Studies 14. E2501 Electronic Payment Systems (SED) Software Engineering and Information Technologies, Undergraduate Academic Studies 15. EP007 Document and content management (SED) Software Engineering and Information Technologies, Master Academic Studies 16. E2502 Software Standardization and Quality (SED) Software Engineering and Information Technologies, Master Academic Studies 17. EP007 Document and content management (SED) Software Engineering and Information Technologies, Master Academic Studies 18. E2502 Software Standardization and Quality (SED) Software Engineering and Information Technologies, Master Academic Studies 19. SEM007 Identity Management (SED) Software Engineering and Information Technologies, Master Academic Studies 19. SEM017 Information Security (SED) Software		ID	Course name	Study programme name, study type					
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7. Sladić G.: Kontrola pristupa XML dokumentima, Zadužbina Andrejević, 2008, ISBN 978-86-7244-683-8	6.	Sladić G.	: Kontrola pristupa u poslovnim sistemima, Beograd, Zadu	žbina Andrejević, 2011, ISBN 978-86-525-0000-0					
	7.	Sladić G.	: Kontrola pristupa XML dokumentima, Zadužbina Andreje	vić, 2008, ISBN 978-86-7244-683-8					





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

Study Programme Accreditation





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



Study Programme Accreditation

UNDERGRADUATE ACADEMIC STUDIES

Production Engineering

Nam	Name and last name: Sovilj N. Bogdan							
	lemic title:	ame.			Full Professo			
		titution v	where the t	eacher works full time an	E 11 CT		nces - Novi Sad	
	ing date:				05.01.1973			
Scier	ntific or art f	ield:			Cutting Proce	essing Tools	and Tribology	
Acad	lemic caries	er	Year	Institution	· · · · · · · · · · · · · · · · · · ·		Field	
Acad	lemic title e	lection:	1998	Faculty of Technical Se	ciences - Novi S	ad	Cutting Processing Tools and	Tribology
PhD thesis 1988 Faculty of Technical Sci					ciences - Novi S	ad	Cutting Processing Tools and	Tribology
Magi	ister thesis		1980	Faculty of Technical Se	ciences - Novi S	ad	Cutting Processing Tools and	Tribology
Bach	nelor's thesi	s	1972	Faculty of Mechanical	Engineering - N	ovi Sad	Cutting Processing Tools and	Tribology
List c	of courses b	eing he	ld by the te	acher in the accredited s	tudy programme	es		
	ID	Course	e name			Study pro	gramme name, study type	
1.	P1404	Tribod	iagnostics	and Maintenance		(P00) Pro Studies	duction Engineering, Undergrad	duate Academic
2.	P1502A	Tribolo	ogy			(P00)Pro Studies	duction Engineering, Undergrad	duate Academic
3.	P302	Tools	for Cutting	Processing		(P00) Pro Studies	duction Engineering, Undergrad	duate Academic
4.	P4409	Evolut	ion Method	s		(P00) Pro Studies	duction Engineering, Undergrad	duate Academic
5.	. P1502B Contemporary Tools in CIM Systems				(PM0) Pro	duction Engineering, Master A	cademic Studies	
6.	. BMIM4F Biotribology				(BM0) Bio	medical Engineering, Master A	cademic Studies	
7.	PP103 Measurement and tools in precision engineering			eering	(PM0) Pro	duction Engineering, Master A	cademic Studies	
8.	SMI003 Software support for cutting tools and fixtures modeling			(PM0) Pro	duction Engineering, Master A	cademic Studies		
9.	9. DM421 Design and Expoitation of Metal Cutting Machine Tools (M00) Mechanical Enginee			chanical Engineering, Doctoral	Academic Studies			
10.	DM422	Tribolo	0,			(M00) Me	chanical Engineering, Doctoral	Academic Studies
11.	ZRD21		agnostics	and maintenance of tehn	ical systems-	(Z01) Safe	ety at Work, Doctoral Academic	: Studies
Rep	oresentative			num 5, not more than 10)	,		
1.				ovi Sad, Univerzitet u Nov društvo za tribologiju, 199		m OJ Izdava	ačka delatnost, FTN-Institut za j	proizvodno
2.	Sovilj. B.	: Identifi	kacija tribo	loških procesa pri odvaln	om glodanju, No	ovi Sad, IPM	I, FTN, 1988.	
3.				ć D., Measurement Meth Metalurgija, Vol. 50, No.			nd Election of Materials of Elen 0543-5846	nents of
4.	SOVILJ,	B., TOD	DIĆ, V., BA		ionship betweer	n tool life and	d cutting speed by uncoated an	d coated end
5.				šić, D., The effect of spec rgija, Vol. 51, No. 1, pp. 2			aterial and coating on tribologica	al and protective
6.				8., MITROVIĆ, R., TODIĆ in industry, 1999, Vol. 21			rocess on the occurence of cut	ting edge break by
7.				BIĆ, M., NIKIĆ, Z.:, Relat on wear criterion, Tribolog			d cutting speed by uncoated an str. 105- 110,,	d coated end
8.	hob millir	ng tools,	Tribology	n industry, 1998, Vol. 3,	str. 73- 78,,	0 01	rocess on the occurence of cut	
9.	SOVILJ E	B., ZLO	KOLICA M. milling tool	, ĐOKIĆ V., SOVILJ-NIK s in model and real cond	IĆ I.: Identifications, 2-nd Worl	on of tribolog d Tribology	gical processes on uncoated ar Congress, Vienna, Austria: 200	nd coated cutting
10.	tools from	n econo	mical aspe	ct, Journal of the Balkan	Tribological As		vač, P., Tribological characteris bl.18, No. 4, pp. 577-585, 2012,	
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	tation total :			3				
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Current projects : Domestic :					iestic :	1	International :	2



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



Study Programme Accreditation

UNDERGRADUATE ACADEMIC STUDIES

Production Engineering

Name and last name: Stojanović M						Coron			
	e and last n	ame.			Stojanović M. Goran Associate Professor				
			whore the s	achar worke full there -					
	e of the inst ng date:	itution v	vnere the te	eacher works full time and	01.09.1998		nces - Novi Sau		
	ntific or art f	ield:				Electronics			
	emic carie		Year	Institution			Field		
	emic title el		2010	Faculty of Technical Sci	ences - Novi S	ad	Electronics		
	thesis		2005	Faculty of Technical Sci			Electronics		
Magi	ster thesis		2003	Faculty of Technical Sci					
	elor's thesis	5	1996	Faculty of Technical Sci			Electronics		
		-	ld by the tea	acher in the accredited stu					
		oge			adj programme				
	ID	Course	e name			Study pro	gramme name, study type		
	F 100						asurement and Control Engineering, uate Academic Studies		
1.	E122	Introdu	uction to Ele	ectronics			er, Electronic and Telecommunication g, Undergraduate Academic Studies		
2.	EM421	Chara	cterization a	and Testing of Microelectr	onic Circuits	(E10) Pow	er, Electronic and Telecommunication g, Undergraduate Academic Studies		
3.	BM117A	Medica	al electronic	cs		(BM0) Bio Studies	medical Engineering, Undergraduate Academic		
4.	BM117B	Flexibl	e electronic	S		(BM0) Bio Studies	BM0) Biomedical Engineering, Undergraduate Academic Studies		
5.	BM118D	Modelling and simulation of biophysical proceses			ceses	(BM0) Bio Studies	medical Engineering, Undergraduate Academic		
6.	BMI107	VII107 Materials and fabrication technologies in med			edical devices	Studies (E10) Powe	medical Engineering, Undergraduate Academic er, Electronic and Telecommunication g, Undergraduate Academic Studies		
7.	EM457	Nanoe	lectronics			(E10) Pow	er, Electronic and Telecommunication g, Undergraduate Academic Studies		
8.	P322	Introdu	uction to Pre	ecision Engineering		(P00) Proo Studies	duction Engineering, Undergraduate Academic		
9.	DE202S		ced charact als and con	terization techniques of el nponents	ectronic		er, Electronic and Telecommunication g, Specialised Academic Studies		
10.	DE403S		n and fabric	ation of passive micro and nents	d nano		er, Electronic and Telecommunication g, Specialised Academic Studies		
11.	E1SO01	Moder	n technolog	jies in electrical engineeri	ng		ver, Electronic and Telecommunication g, Specialised Professional Studies		
12.	EM512	Nanod	levices and	Nanomaterials			er, Electronic and Telecommunication g, Master Academic Studies		
13.	SI033	Electro	onics in med	dicine			er, Electronic and Telecommunication g, Specialised Professional Studies		
14.	1903	Applic	ation of mic	roelectromechanical syste	ems	(110) Indus	strial Engineering, Master Academic Studies		
15.	DE202		ced Techni al Characte	ques in Electronic Compo rization	nent and		er, Electronic and Telecommunication g, Doctoral Academic Studies		
16.	DE403	0	n and Fabric onents	cation of Passive Micro ar	nd Nano		ver, Electronic and Telecommunication g, Doctoral Academic Studies		
Rep	oresentative	reffere	nces (minin	num 5, not more than 10)					
1.							sition Sensor Made by Inkjet Printing Technology), UDK: 10.3390/s120201288		
2.	LTCC set	nsor for	measuring		ng materials, Č	onstruction	losavljević G., Smetana W.: Application of a and Buildings Materials, 2012, Vol. 26, No 1, pp. 9		
3.		nternati	onal Journa				arpet Fractal Antenna on a Hilbert Slot Patterned 980916, pp. 1-7, ISSN 1687-5869, UDK:		

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UNDERGRADUATE ACADEMIC STUDIES

Re	Representative refferences (minimum 5, not more than 10)							
4.	Milanović M., Stojanović G., Nikolić Lj., Radova nanostructured titania coatings deposited on in 1-2, pp. 769-774, ISSN 0254-0584, UDK: 10.1	terdigitated electrode	system, Material					
5.	Savić S., Mančić L., Vojisavljević K., Stojanović in nickel manganite powder induced by mecha UDK: 10.1016/j.materresbull.2011.03.008							
6.	Stojanović G., Lečić N., Damnjanović M., Živar INTERNATIONAL JOURNAL OF APPLIED EL 1383-5416, UDK: 10.3233/JAE-2011-1329							
7.	Goran Stojanović, Slavica Savić, Ljiljana Živan Materials in Electrical Engineering", IEEE Tran				lodified Course of			
8.	R. Raghavendra, P. Bellew, N. Mcloughlin, G. Varistor+Inductor Integrated Passive Devices,"							
9.	G. Stojanović, "Nanoelektronika i primena nano 2012.	omaterijala", Edicija te	ehničke nauke - U	Idžbenici, FTN Izdavaštvo	(338), Novi Sad,			
10.	G. Stojanović, Lj. Živanov, "Materijali u elektrot	ehnici", Edicija Tehnić	čke Nauke - Udžt	penici, FTN izdavaštvo, Nov	/i Sad, 2007.			
Su	mmary data for teacher's scientific or art and profe	essional activity:						
Quo	tation total :	78						
Tota	I of SCI(SSCI) list papers :	22						
Curr	ent projects :	Domestic :	2	International :	2			



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

A REAL PROPERTY OF

Study Programme Accreditation

UNDERGRADUATE ACADEMIC STUDIES

Production Engineering

Name and last name:					Šafranj F. Jelisaveta			
	emic title:				Assistant Professor			
		itution v	vhere the te	acher works full time and			nces - Novi Sad	
-	ng date:				15.10.2000			
Scier	ntific or art f	ield:			English			
Acad	emic cariee	er	Year	Institution			Field	
Acad	emic title el	ection:	2009	Faculty of Technical Sci	ences - Novi Sa	ad	English	
PhD thesis 2008 Faculty of Philology - Be			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	3	1982	Faculty of Philosophy - N	Novi Sad		English	
List c	of courses b	eing he	ld by the tea	acher in the accredited stu	udy programme	S		
		_				<u></u>		
	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	English intermediate				(A00) Arch	nitecture, Undergraduate Academic Studies	
4.	AEJ3Z	English Language - upper intermediate				(A00) Arch	nitecture, Undergraduate Academic Studies	
5.	EJ01L	J01L English Language – Elementary				(M20) Med 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	Englisi	h Language	e - Elementary		 (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 (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 		

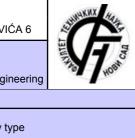


FACULTY OF TECHNICAL SCIENCES 21000 NOVI SAD, TRG DOSITEJA OBRADOVIĆA 6

Study Programme Accreditation

UNDERGRADUATE ACADEMIC STUDIES

Production Engineering



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, Undergraduate Academic Studies
			(F00) Graphic Engineering and Design, Undergraduate Academic Studies
			(M20) Mechanization and Construction Engineering, Undergraduate Academic Studies
7.	EJ02L		(MR0) Measurement and Control Engineering, Undergraduate Academic Studies
			(Z01) Safety at Work, Undergraduate Academic Studies
			(ZC0) Clean Energy Technologies, Undergraduate Academic Studies
			(ZP0) Disaster Risk Management and Fire Safety, Undergraduate Academic Studies
			(Z20) Environmental Engineering, Undergraduate Academic Studies
			(110) Industrial Engineering, Undergraduate Academic Studies
8.	EJ02Z	English Language – Pre-Intermediate	(I20) Engineering Management, Undergraduate Academic Studies
0.	L3022		(S00) Traffic and Transport Engineering, Undergraduate Academic Studies
			(S01) Postal Traffic and Telecommunications, Undergraduate Academic Studies
		3Z English Language - Intermediate	(F00) Graphic Engineering and Design, Undergraduate Academic Studies
			(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
10		En disk bener an disker af de ser disker	(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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Study Programme Accreditation

UNDERGRADUATE ACADEMIC STUDIES

Production Engineering



EJSIT

English Language in Traffic and Transport

25

(S00) Traffic and Transport Engineering, Undergraduate

Academic Studies

HASTAS STUDIORUM

UNIVERSITY OF NOVI SAD

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



Study Programme Accreditation

UNDERGRADUATE ACADEMIC STUDIES

Production Engineering

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

List c	of courses b	eing held by the teacher in the accredited study programme	28
	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
			(110) Industrial Engineering, Undergraduate Academic Studies
34.	EJIIM	English for Specific Purposes	(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
		EJ1Z English Language - Elementary	(F10) Engineering Animation, Undergraduate Academic Studies
37.	EJ1Z		(GI0) Geodesy and Geomatics, Undergraduate Academic Studies
			(SE0) Software Engineering and Information Technologies, Undergraduate Academic Studies
			(SEL) Software Engineering and Information Technologies - Loznica, Undergraduate Academic Studies
			(AH0) Architecture, Master Academic Studies
			(E20) Computing and Control Engineering, Undergraduate Academic Studies
			(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	oresentative	refferences (minimum 5, not more than 10)	



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Study Programme Accreditation

UNDERGRADUATE ACADEMIC STUDIES



Rep									
	Representative refferences (minimum 5, not more than 10)								
1.	Analiza disl	kursa udžbenika engleskog jezik	a, Monografija, Zadužbir	na Andrejević, Beo	ograd 2006.				
2.	Retorička o	organizacija poslovne vesti, Mono	grafija, Zadužbina Andre	ejević, Beograd 20	009.				
3.	Engleski je:	zik za GRID 3 - Academic Writing	for Graphic Engineerin	g and Design, FTI	N Izdavaštvo, Novi Sad 201	2.			
4.	Using Inter	net in English Language Teachin	g, NEW EDUCATIONAL	. REVIEW, (2011)	, vol. 26 br. 4, str. 45-59.				
5.		of English Language Teachers (2011), vol. 23 br. 1, str. 269-282.	Concerning Computer As	ssisted Language	Learning (Call), NEW EDU	CATIONAL			
6.	Pragmatički aspekt udžbenika engleskog jezika, Pedagogija, 2009, 1, str.133-145.								
7.	Students' Communicative Competence, Zbornik Instituta za pedagoška istraživanja, 2009, 1, str. 180-195.								
8.	Retorička a	analiza lida poslovne vesti, Z	bornik Matice Srpske za	i filologiju i lingvist	iku, 2011, 1, str.191-210.				
9.		ects of Technical Statements in F Ee 2001, str.150-153.	ower Engineering, Zbori	nik radova, XI Me	đunarodni simpozijum Ener	getska			
10.		lysis of Research Abstract of an terfaces and Integrations, 10-12				id Literature			
Sum	nmary data fo	or teacher's scientific or art and p	rofessional activity:						
Quota	ation total :		0						
Total	of SCI(SSCI)) list papers :	20			_			
Curre	ent projects :		Domestic :	0	International :	1			



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

A REAL PROPERTY AND A REAL

Study Programme Accreditation

UNDERGRADUATE ACADEMIC STUDIES

Production Engineering

Academic title: Full Professor Name of the institution where the teacher works full time and facting date: Faculty of Technical Sciences - Novi Sad Scientific or art field: Surface Engineering, Micro and Nano Technologies Academic carieer Year Institution Academic title election: 2011 Faculty of Technical Sciences - Novi Sad Surface Engineering, Micro and Nermal Proces and Surface Engineering, Micro and Nermal Proces and Surface Engineering, Undergras Studies 1 P105 Heat Processing	Name and last name: Škorić N. Branko						
starting date: 21.03.1985 Scientific or art field: Surface Engineering, Micro and Nano Technologies Academic carieer Year Institution Field Academic title election: 2011 Faculty of Technical Sciences - Novi Sad Surface Engineering, Micro a Technologies PhD thesis 2001 Faculty of Technical Sciences - Novi Sad Casting and Thermal Proces and Surface Engineering, Micro a Technologies Bachelor's thesis 1994 Faculty of Technical Sciences - Novi Sad Casting and Thermal Proces and Surface Engineering, Micro a Technologies ID Course name Casting and Thermal Proces and Surface Engineering, Micro a Technologies 1. P105 Heat Processing Study programme name, study type 1. P105 Heat Processing (P00) Production Engineering, Undergra Studies 3. P210 Surface Engineering (P00) Production Engineering, Undergra Studies 4. P211 Devices and Plasma Processing Technologies (P00) Production Engineering, Undergra Studies 5. P2402 Designing of Thermal Processing Technologies (P00) Production Engineering, Undergra Studies 7. P3401 Characteristics and Application of Plastic Materials (P00) Production Engineer							
Scientific or art field: Surface Engineering, Micro and Nano Technologies Academic carieer Year Institution Field Academic title election: 2011 Faculty of Technical Sciences - Novi Sad Surface Engineering, Micro and Nano Technologies PhD thesis 2001 Faculty of Technical Sciences - Novi Sad Casting and Thermal Proces and Surface Engineering, Micro a							
Academic carlieer Year Institution Field Academic title election: 2011 Faculty of Technical Sciences - Novi Sad Surface Engineering, Micro 4 Technologies PhD thesis 2001 Faculty of Technical Sciences - Novi Sad Casting and Thermal Proces and Surface Engineering, Mi Magister thesis 1994 Faculty of Technical Sciences - Novi Sad Casting and Thermal Proces and Surface Engineering, Mi Bachelor's thesis 1984 Faculty of Technical Sciences - Novi Sad Casting and Thermal Proces and Surface Engineering, Mi List of courses being held by the teacher in the accredited study programmes Casting and Thermal Proces and Surface Engineering, Mi 1 P105 Heat Processing (P00) Production Engineering, Undergre Studies 2 P110 Casting Technology (P00) Production Engineering, Undergre Studies 3 P210 Surface Engineering (P00) Production Engineering, Undergre Studies 5 P2402 Designing of Thermal Processing Technologies (P00) Production Engineering, Undergre Studies 6 P2403 Contemporary Casting Technologies (P00) Production Engineering, Undergre Studies 7 P3401 Characteristics an	21.03.1985						
Academic title election: 2011 Faculty of Technical Sciences - Novi Sad Surface Engineering, Micro a Technologies PhD thesis 2001 Faculty of Technical Sciences - Novi Sad Casting and Thermal Proces and Surface Engineering, Mi Magister thesis 1994 Faculty of Technical Sciences - Novi Sad Casting and Thermal Proces and Surface Engineering, Mi Bachelor's thesis 1984 Faculty of Technical Sciences - Novi Sad Casting and Thermal Proces and Surface Engineering, Mi List of courses being held by the teacher in the accredited study programmes Casting and Thermal Proces and Surface Engineering, Undergra Studies 1 P105 Heat Processing (P00) Production Engineering, Undergra Studies 2 P110 Casting Technology (P00) Production Engineering, Undergra Studies 3 P210 Surface Engineering (P00) Production Engineering, Undergra Studies 5 P2402 Designing of Thermal Processing Technologies (P00) Production Engineering, Undergra Studies 6. P2403 Contemporary Casting Technologies (P00) Production Engineering, Undergra Studies 7. P3401 Characteristics and Application of Plastic Materials (P00) Production Engineering, Undergra Studies <td></td>							
Accademic the election: 2011 Pactury of rechnical Sciences - Novi Sad Technologies PhD thesis 2001 Faculty of Technical Sciences - Novi Sad Casting and Thermal Proces and Surface Engineering. Mi Bachelor's thesis 1994 Faculty of Technical Sciences - Novi Sad Casting and Thermal Proces and Surface Engineering. Mi List of courses being held by the teacher in the accredited study programmes Casting and Thermal Proces and Surface Engineering. Mi 1 P105 Heat Processing (P00) Production Engineering. Undergra Studies 2 P110 Casting Technology (P00) Production Engineering. Undergra Studies 3 P210 Surface Engineering (P00) Production Engineering. Undergra Studies 5 P2402 Designing of Thermal Processing Technologies (P00) Production Engineering. Undergra Studies 6. P2403 Contemporary Casting Technologies (P00) Production Engineering. Undergra Studies 7. P3401 Characteristics and Application of Plastic Materials (P00) Production Engineering. Undergra Studies 8. P3405 Thermal Processing of Contemporary Tools (P00) Production Engineering. Undergra Studies 9. II1001 <							
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Indigister titesis 1994 Paculty of Paculty of Paculty of Paculty Structes - Novi Sad and Surface Engineering, Mi Bachelor's thesis 1984 Faculty of Technical Sciences - Novi Sad Casting and Thermal Proces and Surface Engineering, Mi List of courses being held by the teacher in the accredited study programmes ID Course name Study programme name, study type 1. P105 Heat Processing (P00) Production Engineering, Undergra Studies 2. P110 Casting Technology (P00) Production Engineering, Undergra Studies 3. P210 Surface Engineering (P00) Production Engineering, Undergra Studies 4. P211 Devices and Plasma Procedures in Mechanical Engineering (P00) Production Engineering, Undergra Studies 5. P2402 Designing of Thermal Processing Technologies (P00) Production Engineering, Undergra Studies 7. P3401 Characteristics and Application of Plastic Materials (P00) Production Engineering, Undergra Studies 8. P3405 Thermal Processing of Contemporary Tools (P00) Production Engineering, Undergra Studies 9. II1001 Engineering materials (110) Industrial Engineering, Undergra Studies 10. ZRI42A Safety at work in metallurgy an							
Bachelor's thesis 1984 Pactury of rechnical sciences - Non Sad and Surface Engineering, Mil List of courses being held by the teacher in the accredited study programmes ID Course name Study programme name, study type 1 P105 Heat Processing (P00) Production Engineering, Undergra Studies 2 P110 Casting Technology (P00) Production Engineering, Undergra Studies 3 P210 Surface Engineering (P00) Production Engineering, Undergra Studies 4 P211 Devices and Plasma Procedures in Mechanical Engineering (P00) Production Engineering, Undergra Studies 5 P2402 Designing of Thermal Processing Technologies (P00) Production Engineering, Undergra Studies 6. P2403 Contemporary Casting Technologies (P00) Production Engineering, Undergra Studies 7. P3401 Characteristics and Application of Plastic Materials (P00) Production Engineering, Undergra Studies 8. P3405 Thermal Processing of Contemporary Tools (P00) Production Engineering, Undergra Studies 9. II1001 Engineering materials (I10) Industrial Engineering, Undergra Studies 10. ZR42A Saf	sing Technology cro and Nano						
ID Course name Study programme name, study type 1. P105 Heat Processing (P00) Production Engineering, Undergra Studies 2. P110 Casting Technology (P00) Production Engineering, Undergra Studies 3. P210 Surface Engineering (P00) Production Engineering, Undergra Studies 4. P211 Devices and Plasma Procedures in Mechanical Engineering (P00) Production Engineering, Undergra Studies 5. P2402 Designing of Thermal Processing Technologies (P00) Production Engineering, Undergra Studies 6. P2403 Contemporary Casting Technologies (P00) Production Engineering, Undergra Studies 7. P3401 Characteristics and Application of Plastic Materials (P00) Production Engineering, Undergra Studies 8. P3405 Thermal Processing of Contemporary Tools (P00) Production Engineering, Undergra Studies 9. II1001 Engineering materials (110) Industrial Engineering, Undergrad Studies 10. ZRI42A Safety at work in metallurgy and thermochemical treatment of metal (Z01) Safety at Work, Undergraduate Ac Studies 11. P2503 Process Design in Casting Technology (PM0							
1. P105 Heat Processing (P00) Production Engineering, Undergra Studies 2. P110 Casting Technology (P00) Production Engineering, Undergra Studies 3. P210 Surface Engineering (P00) Production Engineering, Undergra Studies 4. P211 Devices and Plasma Procedures in Mechanical Engineering (P00) Production Engineering, Undergra Studies 5. P2402 Designing of Thermal Processing Technologies (P00) Production Engineering, Undergra Studies 6. P2403 Contemporary Casting Technologies (P00) Production Engineering, Undergra Studies 7. P3401 Characteristics and Application of Plastic Materials (P00) Production Engineering, Undergra Studies 8. P3405 Thermal Processing of Contemporary Tools (P00) Production Engineering, Undergra Studies 9. II1001 Engineering materials (110) Industrial Engineering, Undergra Studies 10. ZRI42A Safety at work in metallurgy and thermochemical treatment of metal (Z01) Safety at Work, Undergraduate Activities 11. P2503 Process Design in Casting Technology (PM0) Production Engineering, Master A Cademic Studies 12. P2507 Nanotechnologies (M40) Technical Mechanics and Technic Ac							
1. P103 Heat Processing Studies 2. P110 Casting Technology (P00) Production Engineering, Undergra Studies 3. P210 Surface Engineering (P00) Production Engineering, Undergra Studies 4. P211 Devices and Plasma Procedures in Mechanical Engineering (P00) Production Engineering, Undergra Studies 5. P2402 Designing of Thermal Processing Technologies (P00) Production Engineering, Undergra Studies 6. P2403 Contemporary Casting Technologies (P00) Production Engineering, Undergra Studies 7. P3401 Characteristics and Application of Plastic Materials (P00) Production Engineering, Undergra Studies 8. P3405 Thermal Processing of Contemporary Tools (P00) Production Engineering, Undergra Studies 9. II1001 Engineering materials (I10) Industrial Engineering, Undergradu Studies 10. ZRI42A Safety at work in metallurgy and thermochemical treatment of metal (Z01) Safety at Work, Undergraduate Active Academic Studies 11. P2503 Process Design in Casting Technology (PM0) Production Engineering, Master Academic Studies 12. P2507 Nanotechnologies (M40) Technical Mechanics and TechnicAcademic Studies </td <td></td>							
2. P110 Casting Technology Studies 3. P210 Surface Engineering (P00) Production Engineering, Undergra Studies 4. P211 Devices and Plasma Procedures in Mechanical Engineering of Thermal Processing Technologies (P00) Production Engineering, Undergra Studies 5. P2402 Designing of Thermal Processing Technologies (P00) Production Engineering, Undergra Studies 6. P2403 Contemporary Casting Technologies (P00) Production Engineering, Undergra Studies 7. P3401 Characteristics and Application of Plastic Materials (P00) Production Engineering, Undergra Studies 8. P3405 Thermal Processing of Contemporary Tools (P00) Production Engineering, Undergra Studies 9. II1001 Engineering materials (110) Industrial Engineering, Undergrad Studies 10. ZRI42A Safety at work in metallurgy and thermochemical treatment of metal (Z01) Safety at Work, Undergraduate Active Academic Studies 11. P2503 Process Design in Casting Technology (PM0) Production Engineering, Master A (M40) Technical Mechanics and Technologies 12. P2507 Nanotechnologies (PM0) Production Engineering, Master A (M40) Technical Mechanics and Technologies 13. PP2111	duate Academic						
3. P210 Surface Engineering Studies 4. P211 Devices and Plasma Procedures in Mechanical Engineering (P00) Production Engineering, Undergras Studies 5. P2402 Designing of Thermal Processing Technologies (P00) Production Engineering, Undergras Studies 6. P2403 Contemporary Casting Technologies (P00) Production Engineering, Undergras Studies 7. P3401 Characteristics and Application of Plastic Materials (P00) Production Engineering, Undergras Studies 8. P3405 Thermal Processing of Contemporary Tools (P00) Production Engineering, Undergras Studies 9. II1001 Engineering materials (110) Industrial Engineering, Undergradus Studies 10. ZRI42A Safety at work in metallurgy and thermochemical treatment of metal (Z01) Safety at Work, Undergraduate Active Studies 11. P2503 Process Design in Casting Technology (PM0) Production Engineering, Master Active Academic Studies 12. P2507 Nanotechnologies (M40) Technical Mechanics and Technic Academic Studies 13. PP2111 Mechanical Engineering in Medicine and Bioengineering (PM0) Production Engineering, Master A metallurgical processes 14. SM1002 Modeling and simulation of	duate Academic						
4. P211 Engineering Studies 5. P2402 Designing of Thermal Processing Technologies (P00) Production Engineering, Undergra Studies 6. P2403 Contemporary Casting Technologies (P00) Production Engineering, Undergra Studies 7. P3401 Characteristics and Application of Plastic Materials (P00) Production Engineering, Undergra Studies 8. P3405 Thermal Processing of Contemporary Tools (P00) Production Engineering, Undergra Studies 9. II1001 Engineering materials (110) Industrial Engineering, Undergradu Studies 10. ZRI42A Safety at work in metallurgy and thermochemical treatment of metal (Z01) Safety at Work, Undergraduate Activatives 11. P2503 Process Design in Casting Technology (PM0) Production Engineering, Master Activatives 12. P2507 Nanotechnologies (M40) Technical Mechanics and Technical Academic Studies 13. PP2111 Mechanical Engineering in Medicine and Bioengineering (PM0) Production Engineering, Master A metallurgical processes 14. SMI002 Modeling and simulation of thermo chemical and metallurgical processes (PM0) Production Engineering, Master A metallurgical Processes <td>duate Academic</td>	duate Academic						
3. P2402 Designing of memory Casting Technologies Studies 6. P2403 Contemporary Casting Technologies (P00) Production Engineering, Undergradustudies 7. P3401 Characteristics and Application of Plastic Materials (P00) Production Engineering, Undergradustudies 8. P3405 Thermal Processing of Contemporary Tools (P00) Production Engineering, Undergradustudies 9. II1001 Engineering materials (110) Industrial Engineering, Undergradustudies 10. ZRI42A Safety at work in metallurgy and thermochemical treatment of metal (Z01) Safety at Work, Undergraduate Activatives 11. P2503 Process Design in Casting Technology (PM0) Production Engineering, Master Activatives 12. P2507 Nanotechnologies (M40) Technical Mechanics and Technologies 13. PP2111 Mechanical Engineering in Medicine and Bioengineering (PM0) Production Engineering, Master Activatives 14. SMI002 Modeling and simulation of thermo chemical and metallurgical processes (PM0) Production Engineering, Master Activatives	0) Production Engineering, Undergraduate Academic dies						
6. P2403 Contemporary Casting Technologies Studies 7. P3401 Characteristics and Application of Plastic Materials (P00) Production Engineering, Undergrastudies 8. P3405 Thermal Processing of Contemporary Tools (P00) Production Engineering, Undergrastudies 9. II1001 Engineering materials (110) Industrial Engineering, Undergradustudies 10. ZRI42A Safety at work in metallurgy and thermochemical treatment of metal (Z01) Safety at Work, Undergraduate Activations 11. P2503 Process Design in Casting Technology (PM0) Production Engineering, Master A (M40) Technical Mechanics and Technologies 12. P2507 Nanotechnologies (M40) Technical Mechanics and Technologies 13. PP2111 Mechanical Engineering in Medicine and Bioengineering (PM0) Production Engineering, Master A (PM0) Production Engineering,	duate Academic						
P3401 Characteristics and Application of Plastic Materials Studies 8. P3405 Thermal Processing of Contemporary Tools (P00) Production Engineering, Undergrad, Studies 9. II1001 Engineering materials (110) Industrial Engineering, Undergradu, Studies 10. ZRI42A Safety at work in metallurgy and thermochemical treatment of metal (Z01) Safety at Work, Undergraduate Active Treatment of metal 11. P2503 Process Design in Casting Technology (PM0) Production Engineering, Master A (M40) Technical Mechanics and Technical Academic Studies 12. P2507 Nanotechnologies (PM0) Production Engineering, Master A (M40) Technical Mechanics and Technical Academic Studies 13. PP2I11 Mechanical Engineering in Medicine and Bioengineering (PM0) Production Engineering, Master A (PM0) Produc	duate Academic						
8. P3403 Thermal Processing of Contemporary roots Studies 9. II1001 Engineering materials (110) Industrial Engineering, Undergradu, Studies 10. ZRI42A Safety at work in metallurgy and thermochemical treatment of metal (Z01) Safety at Work, Undergraduate Activation 11. P2503 Process Design in Casting Technology (PM0) Production Engineering, Master A (M40) Technical Mechanics and Technical Academic Studies 12. P2507 Nanotechnologies (M40) Technical Mechanics and Technical Academic Studies 13. PP2111 Mechanical Engineering in Medicine and Bioengineering (PM0) Production Engineering, Master A (PM0	duate Academic						
9. Intoon Engineering materials Studies 10. ZRI42A Safety at work in metallurgy and thermochemical treatment of metal (Z01) Safety at Work, Undergraduate Active treatment of metal 11. P2503 Process Design in Casting Technology (PM0) Production Engineering, Master A 12. P2507 Nanotechnologies (M40) Technical Mechanics and Technical Academic Studies 13. PP2111 Mechanical Engineering in Medicine and Bioengineering (PM0) Production Engineering, Master A 14. SMI002 Modeling and simulation of thermo chemical and metallurgical processes (PM0) Production Engineering, Master A	(P00) Production Engineering, Undergraduate Academic Studies						
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12. P2507 Nanotechnologies (M40) Technical Mechanics and Technic Academic Studies 13. PP2I11 Mechanical Engineering in Medicine and Bioengineering (PM0) Production Engineering, Master A 14. SMI002 Modeling and simulation of thermo chemical and metallurgical processes (PM0) Production Engineering, Master A	(Z01) Safety at Work, Undergraduate Academic Studies						
12. P2507 Nanotechnologies Academic Studies (PM0) Production Engineering, Master A 13. PP2111 Mechanical Engineering in Medicine and Bioengineering Modeling and simulation of thermo chemical and metallurgical processes (PM0) Production Engineering, Master A 14. SMI002 Modeling and simulation of thermo chemical and metallurgical processes (PM0) Production Engineering, Master A							
13. PP2I11 Mechanical Engineering in Medicine and Bioengineering (PM0) Production Engineering, Master A 14. SMI002 Modeling and simulation of thermo chemical and metallurgical processes (PM0) Production Engineering, Master A	(M40) Technical Mechanics and Technical Design, Master Academic Studies						
14. SMI002 Modeling and simulation of thermo chemical and metallurgical processes (PM0) Production Engineering, Master A Design and Pasearch Methods in Production (M00) Methods in Production (M00) Methods in Production	(PM0) Production Engineering, Master Academic Studies						
14. SWI002 metallurgical processes							
Design and Research Methods in Production	cademic Studies						
In the second se	Academic Studies						
16. DP004 Advanced Technologies in Casting and Heat Treatment (M00) Mechanical Engineering, Doctora	Academic Studies						
17. DP007 Procedures of Plasma Depozition (M00) Mechanical Engineering, Doctora	Academic Studies						
18. DP011 Nanotechnologies and Nanomaterials Forming (M00) Mechanical Engineering, Doctora	Academic Studies						
19. DP014 Nano and Micro Layers Characterization (M00) Mechanical Engineering, Doctora	Academic Studies						
20. ZRD213 Current state and development tendencies of quality management of work environment (Z01) Safety at Work, Doctoral Academic Studies							
Representative refferences (minimum 5, not more than 10)							
1. Škorić B., Kakaš D., Influence of type of plasma coatings on friction coeficient and contact temperature on wea Oxidation Communications, vol.17, Bulgarian-English Academic Publishing House ,1994, 214-219	ar of tool steel,						
 Škorić B., Kakaš D., Tribologycal behaviour of TiN and TiAIN deposited layers on substrates plasma nitrided at Materials and Manufacturing Processes, Vol 10, 1 ,New York, USA, 1995, 133-138 	low pressure,						
3. Škorić B., KakaŠ D., Sovilj B., Microstructural and tribological study of magnetron sputtered coating, Journal of Tribological Association, Vol.3, No.3, 1997,142-147.	the Balkan						

STAS STUR			UNIVERSITY OF NO	VI SAD	UNIVERSITY OF NOVI SAD						
AN A	NOR CHARLEN	FACULTY OF TECHNICAL SCIENCES 21000 NOVI SAD, TRG DOSITEJA OBRADOVIĆA 6									
C.C		Study F	Programme A	ccreditatio	on	Con Participation					
.01	LANTEN	UNDERGRADUATE ACADEMIC	STUDIES		Production Engineering	e Hor					
Rep	presentative re	efferences (minimum 5, not more th	an 10)								
4.		Cakaš D., Influence of plasma Nitridi eatments., Thin Solid Films, Elsevie				quent PVD					
5.		Kakaš D., Examination of tribologica & Interfaces, Elsevier Science, Oxformation & Interfaces, Elsevier Science, Oxformation				Computer					
6.		korić B., Rakita M., Tribological bel xford, England, Volume 459, Issues			n implantataion, Thin Solid	Films, Elsevier					
7.		čakaš D., Rakita M., Bibić N., Peruš rided steels, Vacuun, Pergamon, E				by PVD and					
8.	,	čakaš D., Bibić N., Rakita M., Micros ience B V , North-Holland, Volumes		0 1 1	pared by PVD and IBAD, S	Surface Science,					
9.	Škorić B., K	(akaš D., Karakterizacija mikro i nar	no slojeva, monografija	a, FTN, Novi Sad	, 2007						
10.	Škorić B.: Tribological characterizationof duplex coatings with additional ion bombardment, Brussels, European science foundation, 2008, str. 289-299, ISBN 978-92-898-0040-2										
Sur	Summary data for teacher's scientific or art and professional activity:										
Quotation total : 38											
Total of SCI(SSCI) list papers : 16											
Curre	ent projects :		Domestic :	1	International :	1					



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

THE REAL PROPERTY OF

Study Programme Accreditation

UNDERGRADUATE ACADEMIC STUDIES

Production Engineering

Name	e and last n	ame:			Tabaković N.	Slobodan			
Academic title:					Assistant Professor				
Name of the institution where the teacher works full time and			Faculty of Technical Sciences - Novi Sad						
starting date:					10.10.2000	10.10.2000			
Scier	ntific or art f	ield:			Machine Too	s, Flexible 7	Technological Systems and Automatization		
Acad	emic cariee	er	Year	Institution			Field		
Acad	emic title el	ection:	2008	Faculty of Technical Sci	ences - Novi S	ad	Machine Tools, Flexible Technological Systems and Automatization Processes Design		
PhD	thesis		2008	Faculty of Technical Sci	ences - Novi S	ad	Machine Tools, Flexible Technological Systems and Automatization Processes Design		
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	1998	Faculty of Technical Sci	ences - Novi S	ad	Machine Tools, Flexible Technological Systems and Automatization Processes Design		
List o	f courses b	eing he	ld by the te	acher in the accredited stu	idy programme	es			
	ID	Course	e name			Study pro	ogramme name, study type		
1.	P1402	CAD/C	CAE/CAM i	CIM Systems		(P00) Pro Studies	duction Engineering, Undergraduate Academic		
2.	P1407	Machir	ne Tools De	esigning		(P00) Pro Studies	duction Engineering, Undergraduate Academic		
						(P00)Pro Studies	duction Engineering, Undergraduate Academic		
3.	P1410	Virtual	Product De	esigning		(SE0)Sof	tware Engineering and Information Technologies, luate Academic Studies		
						(SEL) Sof	tware Engineering and Information Technologies - Indergraduate Academic Studies		
4.	P301	P301 Automation in Production Engineering				(P00) Pro Studies	duction Engineering, Undergraduate Academic		
5.	P307	Autom	ated Flexib	le Technologial Systems		(P00) Production Engineering, Undergraduate Academic Studies			
6.	ZR408A	Safety	at work on	the machines for process	ing	(Z01) Safe	ety at Work, Undergraduate Academic Studies		
7.	P1405		1 7 1	proach to Product Design	0	(PM0) Production Engineering, Master Academic Studies			
8.	PR408	Funda Machir		Protection for Operation of	on Processing	(PM0) Production Engineering, Master Academic Studies			
9.	IM2118	Funda	mentals of	CAD / CAM technology		(I20) Engineering Management, Master Academic Studies			
10.	P307A	Flexibl	e technolog	gical systems		(E20) Computing and Control Engineering, Master Academic Studies			
11.	PAUP1	Autom	atization in	plastic		(PM0) Production Engineering, Master Academic Studies			
12.	PP102	Precis	ion of mach	nine tools		(PM0)Pro	oduction Engineering, Master Academic Studies		
13.	PP110	The dy	namics of	micro machining systems		(PM0)Pro	oduction Engineering, Master Academic Studies		
14.	PP2I12	Desigr	n of prosthe	tic devices		· /	medical Engineering, Master Academic Studies oduction Engineering, Master Academic Studies		
15.	SM2	Metho	ds and soft	ware tools for computer ai	ded design	(PM0) Production Engineering, Master Academic Studies			
16.	ZRMI1A			e and human vibration in	0	, ,	ety at Work, Master Academic Studies		
Representative refferences (minimum 5, not more than 10)									
 Tabaković, S., Gatalo, R., Zeljković, M., Toma, J.: A concept of Automated Design of modular Machine Tools with parallel kinematics based on CAD workpiece model, Machine Engineering, Vol. 2, No 1-2, 2002, pp. 171 - 182 									
2.	Tabaković S. Catalo P. Kopiović Z. Object Orighted Approach to Design Process Automation. The 2nd Regional Symposium								
3.	Tabakovi	ć S., Živ endopro	/ković A., G	rujić J., Zeljković M.: Usir	ng CAD/CAE so	oftware syst	ems in the design process of modular, revision IE, 2011, Vol. 9, No 2/2011, pp. 97-102, ISSN		
4.	Živković /	A., Zeljk		baković S.: Matematical M – AJME, 2010, Vol. 8, No			g Life Determination, Academic Journal of I 1583-7904		
5.	Blanuša	√., Zeljk	ović M., Vil		e specificity of p		es programming, Journal for Technology of		

SITAS STUDE UNIVERSITY OF NOVI SAD FACULTY OF TECHNICAL SCIENCES 21000 NOVI SAD, TRG DOSITEJA OBRADOVIĆA 6 Study Programme Accreditation UNDERGRADUATE ACADEMIC STUDIES **Production Engineering** Representative refferences (minimum 5, not more than 10) Tabaković S., Zeljković M., Mlađenović C., Gatalo R.: Uređaj za manipulaciju radnim predmetima ili alatima kod mašina alatki i 6 industrijskih manipulatora, Beograd, Zavod za intelektualnu svojinu, Glasnik intelektualne svojine, 2012, UDK: Broj patenta RS20121243 TABAKOVIĆ, S., ZELJKOVIĆ, M., GATALO, R.: A contribution to workspace analysis of machine tools based on parallel 7 mechanism, Journal of Machine Engineering, 2007, Vol. 7, No. 1, str. 80- 90, ISSN 1895-7595. Tabaković S., Zeljković M., Živković A., Movrin D., Grujić J.: Development of the endoprosthesis of the femur according to the 8 characteristics of a specific patient with using modern methods for product design and rapid prototyping, Journal for Technology of Plasticity, 2012, Vol. 37, No 2, pp. 195-208, ISSN 0354-3870 Tabaković, S., Gatalo, R., Zeljković, M.: Analiza tačnosti aproksimacije profila pri generisanju upravljačkih programa za CNC mašine primenom programskog sistema PRO/Engineer, Zbornik radova, VIII Međunarodna konferencija MMA 2003 - Fleksibilne 9 tehnologije, Novi Sad, 2003. str. 117, 118, Tabaković, S.; Gatalo, R.; Zeljković, M.: Designing machine tools based on parallel kinematics using contemporary engineering 10 and mathematical methods the 15th international DAAAM symposium, "Intelligent Manufacturing & Automation: Globalization -Technology – Men - Nature" 3 – 6th November 2004, Vienna, Austria, pp. 453-454, ISSN 1726-9679, ISBN 3-901509-42-9 Summary data for teacher's scientific or art and professional activity: Quotation total 0 Total of SCI(SSCI) list papers : 0 Current projects : Domestic : 1 International : 0



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

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Study Programme Accreditation

UNDERGRADUATE ACADEMIC STUDIES

Production Engineering

Name and last name:					Teofanov Đ. Lijiljana			
Academic title:					Assistant Professor			
	Name of the institution where the teacher works full time and							
starting date:					18.12.1995			
Scie	ntific or art f	ield:			Mathematics			
Acad	lemic cariee	er	Year	Institution			Field	
Acad	lemic title el	lection:	2009	Faculty of Technical Sci	ences - Novi S	ad	Mathematics	
PhD	thesis		2008	Faculty of Sciences - No	ovi Sad		Mathematical Sciences	
Magi	ster thesis		2000	Faculty of Sciences - No	ovi Sad		Mathematical Sciences	
Bach	elor's thesis	s	1994	Faculty of Sciences - No	ovi Sad		Mathematical Sciences	
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.	A101	Mathe	matics			(A00) Arch	nitecture, Undergraduate Academic Studies	
2.	EE204	Select	ed Chapters	s in Mathematics		Undergrad	asurement and Control Engineering, uate Academic Studies	
						Èngineerin	er, Electronic and Telecommunication g, Undergraduate Academic Studies	
3.	GG00	Mathe	matical Met	hods 1			I Engineering, Undergraduate Academic Studies	
4.	GI101	Algebr	а			(GI0) Geo Studies	desy and Geomatics, Undergraduate Academic	
5.	IAM001	Mathe	matical Sha	pe Modeling for Compute	r Animation	(F10) Eng Studies	ineering Animation, Undergraduate Academic	
6.	M102	Mathematics 1 Mathematics 2				Undergrad (M30) Ene Academic : (M40) Tec Undergrad (P00) Proc Studies (M20) Mec Undergrad (M30) Ene Academic : (M40) Tec Undergrad	chnical Mechanics and Technical Design, uate Academic Studies duction Engineering, Undergraduate Academic chanization and Construction Engineering, uate Academic Studies ergy and Process Engineering, Undergraduate	
8.	E101A	Discre	te Mathema	atics			ver, Electronic and Telecommunication g, Undergraduate Academic Studies	
9.	IM1523	Discre	te Mathema	atics		Academic	ergy and Process Engineering, Undergraduate Studies heering Management, Undergraduate Academic	
10.	P216	Numer	ical Analys	is		(P00) Proo Studies	duction Engineering, Undergraduate Academic	
11.	SE0009	Discrete Mathematics				(SE0) Software Engineering and Information Technologies Undergraduate Academic Studies (SEL) Software Engineering and Information Technologies		
				Loznica, U	ndergraduate Academic Studies			
						Èngineerin	ver, Electronic and Telecommunication g, Specialised Academic Studies	
10		Soloot	od Chanter	e in Mathematics		· ,	strial Engineering, Specialised Academic Studies	
12. C	DZ01MS	Selected Chapters in Mathematics			Studies	neering Management, Specialised Academic		
						Studies	nonmentar Engineering, opecialised Academic	



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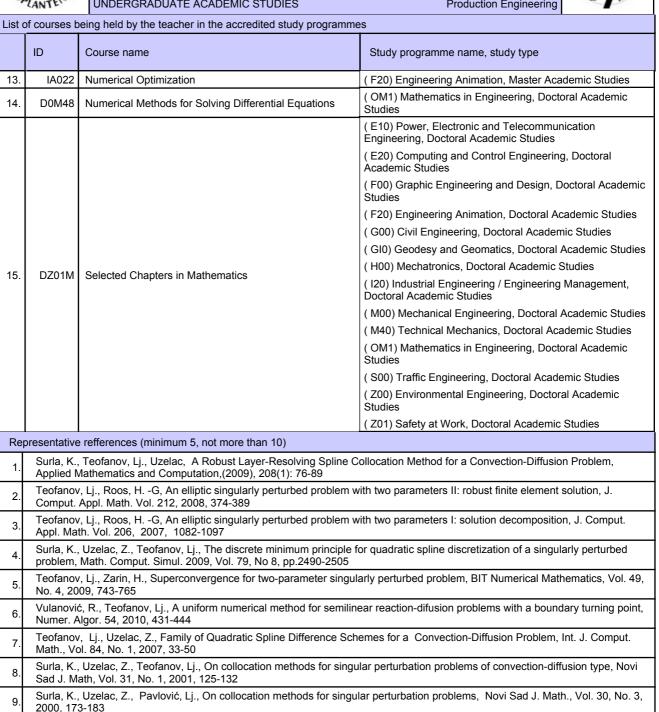
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FACULTY OF TECHNICAL SCIENCES 21000 NOVI SAD, TRG DOSITEJA OBRADOVIĆA 6

Study Programme Accreditation

UNDERGRADUATE ACADEMIC STUDIES



10.	Čomić, I., Pavlović, Lj., Funkcije više promenljivih, Fakultet tehničkih nauka, Novi Sad, 2000, 95 str.								
Su	Summary data for teacher's scientific or art and professional activity:								
Quo	tation total :	12							
Tota	I of SCI(SSCI) list papers :	7							
Curr	ent projects :	Domestic :	1	International :	0				



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

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Study Programme Accreditation

UNDERGRADUATE ACADEMIC STUDIES

Production Engineering

Name and last name: Todić V. Velimir								
Academic title:					Full Professo	r		
Name of the institution where the teacher works full time and				acher works full time and	Faculty of Technical Sciences - Novi Sad			
starting date:					01.01.1971			
Scientific	ic or art fi	eld:			Tecnological	Process De	sign and Optimization and Technical Preparation	
Academ	nic cariee	r	Year	Institution			Field	
Academ	nic title el	ection:	1998	Faculty of Technical Science	ences - Novi S	ad	Tecnological Process Design and Optimization and Technical Preparation for Manufacturing	
PhD the	esis		1987	Faculty of Technical Science	ences - Novi S	ad	Technological Processes, Techno-Economic Optimization and Virtual Design	
Magister	r thesis		1978	Faculty of Technical Science	ences - Novi S	ad	Technological Processes, Techno-Economic Optimization and Virtual Design	
Bachelo	or's thesis	6	1970	Faculty of Technical Science	ences - Novi S	ad	Technological Processes, Techno-Economic Optimization and Virtual Design	
List of co	ourses b	eing hel	d by the te	acher in the accredited stu	udy programme	es		
ID	C	Course	e name			Study pro	ogramme name, study type	
1.	P1403	Integra	ted CAPP	Systems and Technologic	al Database	(P00)Pro Studies	duction Engineering, Undergraduate Academic	
2.	P1503	Techn	ological Log	gistics and Entrepreneursh	nip	(P00) Pro Studies	duction Engineering, Undergraduate Academic	
3.	P308	Proces	s Planning			(P00) Pro Studies	duction Engineering, Undergraduate Academic	
4.	P4408	Entrep	reneurship	in Small and Medium Ente	erprises	(P00) Production Engineering, Undergraduate Academic Studies		
5.	P320	P320 Technological Preparation of Production in Precis Engineering			Precision	(P00) Pro Studies	duction Engineering, Undergraduate Academic	
6.	P1506	506 Internet Technologies in Production Engineering			ering	(PM0) Pro	oduction Engineering, Master Academic Studies	
7.	P315	8				(PM0)Pro	oduction Engineering, Master Academic Studies	
8.	PLIS1	Logisti Proces		ulation in Technologies of	Plastics	(PM0) Pro	oduction Engineering, Master Academic Studies	
9.	SM1			ware Tools for Collaborati	ive Design	(PM0)Pro	oduction Engineering, Master Academic Studies	
10.	DP001	Desigr Engine		arch Methods in Productio	n	(M00) Mechanical Engineering, Doctoral Academic Studies		
11.	DP017			s in e-Manufacturing		(M00) Me	chanical Engineering, Doctoral Academic Studies	
12.	DP018			in Development Technolo	ogical	(M00) Me	chanical Engineering, Doctoral Academic Studies	
13. Z	2RD232		ation of Pro	ecurity Services and Healt	h at Work	(701) Safe	ety at Work, Doctoral Academic Studies	
		-		num 5, not more than 10)		<u>(201) out</u>		
				noloških procesa, udžbeni	k FTN Izdavaš	stvo. Novi S	ad 2004	
_			,	•			ije proizvoda, udžbenik, FTN, Novi Sad, 2002.	
_				. ,	•		riručnik, FTN, Novi Sad, 2000.	
					•		štvo, Fakultet tehničkih nauka, Novi Sad, 2012.	
т	Fodić V.,	Tepić J	., Milošević	M., Lukić D., Hadžistević	M.: Design of (Casting Blar	hks in CAPP System for Parts of Piston-Cylinder 75-78, ISSN 0543-5846, UDK:	
6 6 T	621.824:6 Fodić V.,	621.886 Tepić J	.6:621.887: ., Kostelac	=111 M., Lukić D., Milošević M.	: Design and e	conomic jus	tification of group blanks application, Metalurgija,	
T	⁶ . 2012, Vol. 51, No 2, pp. 269-272, ISSN 0543-5846, UDK: 65.01:658.5:65.011=111							
 ⁷. manufacturing systems, Metalurgija, 2012, Vol. 51, No 3, ISSN 0543-5846 8. Todić V., Lukić D., Hadžistević M., Milošević M.: Integrated CAPP System for Plastic Injection Molds Manufacturing, Materiale 8. Direction Description of the system for Plastic Injection Molds Manufacturing, Materiale 								
P				k, pp. 381-389, ISSN 0025		6.0		
9. p	 Tepić J., Todić V., Lukić D., Milošević M., Borojević S.: Development of the computer-aided process planning (CAPP) system for polymer injection molds manufacturing, Metalurgija, 2011, Vol. 50, No 4, pp. 273-277, ISSN 0543-5846, UDK: 621.824:621.886.6:621.887=111 							
10 T	Γepić J., [−]	Todić V	., Tanackov				Design for Plastic Euro Pallets, Metalurgija, 2012,	
Summa	ary data	for teac	her's scien	tific or art and professiona	l activity:			

STAS STUD			WHENX HA		
OR	FACULTY OF TECHNICAL SCI	STATE OF			
120005	Study F	rogramme Accreditation			Con Land
PLANTER	UNDERGRADUATE ACADEMIC S	STUDIES		Production Engineering	HO
Quotation total :		8			
Total of SCI(SSCI)) list papers :	6			
Current projects :		Domestic :	1	International :	0



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

North Party

Study Programme Accreditation

UNDERGRADUATE ACADEMIC STUDIES

Production Engineering

Name and last name:					Turk-Sekulić M. Maja				
Academic title:					Assistant Professor				
Name of the institution where the teacher works full time and			Faculty of Technical Sciences - Novi Sad						
-	starting date:				28.12.2004				
Scier	ntific or art f	ield:			Environment	Protection E	Engineering		
Acad	emic cariee	er	Year	Institution			Field		
Acad	emic title el	lection:	2009	Faculty of Technical Sci	ences - Novi S	ad	Environment Protection Engineering		
PhD	thesis		2009	Faculty of Technical Science	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 o	of courses b	eing he	ld by the te	acher in the accredited stu	udy programme	es			
	ID	Course	e name			Study pro	ogramme name, study type		
1.	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	201) Safety at Work, Undergraduate Academic Studies 2C0) Clean Energy Technologies, Undergraduate cademic Studies		
6.	Z102	Tehnička hemija(uneti naziv na engleskom))) Environmental Engineering, Undergraduate Academic lies		
7.	Z109			u inženjerstvu zaštite život iv na engleskom)	ne	(Z20) Environmental Engineering, Undergraduate Academic Studies			
							chanization and Construction Engineering, luate Academic Studies		
						(M30) Ene Academic	ergy and Process Engineering, Undergraduate Studies		
8.	Z151	Chemi	stry in Mec	hanical Engineering		(M40) Teo Undergrad	chnical Mechanics and Technical Design, luate Academic Studies		
						(P00) Pro Studies	duction Engineering, Undergraduate Academic		
						(ZC0) Cle Academic	an Energy Technologies, Undergraduate Studies		
9.	Z153	Chemi	stry in Engi	neering		(Z01) Safe	ety at Work, Undergraduate Academic Studies		
10.	Z155	Chemi	cal Principl	es in Engineering		(Z01) Safe	ety at Work, Undergraduate Academic Studies		
11.	Z600	Chemi	cal Phenon	nena in Engineering			aster Risk Management and Fire Safety, luate Academic Studies		
12.	Z503	Practic	cal Course i	n Environment Protection		(Z20) Envi	ronmental Engineering, Master Academic Studies		
13.	Z507	Physic	al and Che	mical Principles		(Z20) Envi	ronmental Engineering, Master Academic Studies		
14.	ZR504	Protec	tion agains	nst Chemical Harms, Fire and Explosion		(OM1) Ma Studies	thematics in Engineering, Master Academic		
15.	Z507	Fizičko	Fizičko hemijski principi(uneti naziv na engleskom)		eskom)	(Z20) Envi	ronmental Engineering, Master Academic Studies		
16.	MPK005	K005 Analysis of environmental protection systems		าร		enjerstvo tretmana i zaštite voda - TEMPUS(uneti ngledskom), Master Academic Studies			
17.	SZD050		port and dis	tribution of pollutants in he ystems	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	Savremene instrumentalne metode analize zagađujućih supstanci u životnoj sredini			zagađujućih	(Z00) Environmental Engineering, Specialised Academic Studies			
20.	ZR504A	Chemi	cal risk ass	essment of fire and explos	sion	(Z01) Safe	ety at Work, Master Academic Studies		

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

Study Programme Accreditation

UNDERGRADUATE ACADEMIC STUDIES

of courses hai	a held by the teacher in the accredited study programmes
OF COLLISES DEL	o nelo ov ine leacher in the accredited sillov proorammes.

LIST	List of courses being held by the teacher in the accredited study programmes								
	ID	Course name Study programme name, study type							
21.	ZD050	Transport and distribution of pollutar multicomponent systems	nts in heterogeneous	(Z00) Environmental Engineering, Doctoral Academic Studies					
			(OM1) Mathem Studies	atics in Engineering, Doctora	al Academic				
22.	ZDO03	Applied Analysis of Physical and Ch	emical Parameters	(Z00) Environm Studies	ental Engineering, Doctoral	Academic			
				(Z01) Safety at	Work, Doctoral Academic S	tudies			
Re	oresentative	e refferences (minimum 5, not more th	an 10)						
1.		Jakšić, J., Vojinović Miloradov, M., Kl ed by active and passive sampling me							
2.	Kragujev	ulić M., Radonić (Jakšić) J., Đogo M.: ac, Serbia U: Environmental, Health A , World Scientific, 2008, str. 284-295,	nd Humanity Issues I	n The Down Danu					
3.		J., Turk, M., Vojinović Miloradov, M., e war accident in Serbia, Environment							
4.	Turk Sekulić Maja, Rasprostiranje, depozicija i raspodela polihlorovanih bifenila u heterogenom multikomponentnom sistemu, doktorska disertacija.								
5.	Radonić (Jakšić) J., Vojinović-Miloradov M., Turk Sekulić M., Kiurski J., Đogo M., Milovanović D.: The octanol-air partition								
6.	Polychlor	ulić M., Radonić (Jakšić) J., Vojinović inated Biphenyls and Polycyclic Arom 371-380, ISSN 0367-598X, UDK: 504	atic Hydrocarbons Us						
7.	based on	(Jakšić) J., Ćulibrk D., Vojinović-Milora M5' model trees, Thermal Science, 2 TSCI100809005R				oning of PAHs			
8.	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 1213-7103								
9.	 Milić N., Milanović M., Grujić Letić N., Turk Sekulić M., Radonić (Jakšić) J., Mihajlović I., Vojinović-Miloradov M.: Occurrence of 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 								
10.	Jovčić N., Radonić (Jakšić) J., Turk Sekulić M., Vojinović-Miloradov M., Popov S.: Identification of emission sources of particle- 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								
Sur	Summary data for teacher's scientific or art and professional activity:								
Quot	Quotation total : 0								
Tota	Total of SCI(SSCI) list papers : 8								
Curr	ent projects		Domestic :	2	International :	3			





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



Study Programme Accreditation

UNDERGRADUATE ACADEMIC STUDIES

Production Engineering

Name	e and last n	ame.			Vidaković P I	Milan		
Name and last name: Academic title:					Vidaković P. Milan Associate Professor			
Name of the institution where the teacher works full time and				acher works full time and				
starting date:					20.01.1998			
Scier	Scientific or art field:				Applied Com	outer Scienc	e and Informatics	
Acad	emic cariee	er	Year	Institution			Field	
Acad	emic title el	lection:	2009	Faculty of Technical Sci	ences - Novi Sa	ad	Applied Computer Science and Informatics	
PhD	thesis		2003	Faculty of Technical Sci	ences - Novi Sa	ad	Applied Computer Science and Informatics	
Magi	ster thesis		1998	Faculty of Technical Sci	ences - Novi Sa	ad	Applied Computer Science and Informatics	
Bach	elor's thesis	S	1995	Faculty of Technical Sci	ences - Novi Sa	ad	Applied Computer Science and Informatics	
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	
						Academic		
1.	E239A	Web P	rogrammin	g		Academic		
						Undergrad	asurement and Control Engineering, uate Academic Studies	
						Èngineerin	er, Electronic and Telecommunication g, Undergraduate Academic Studies	
						Académic		
2.	E2K41	Distrib	Distributed Artificial Intelligence and Intellige			Undergrad	asurement and Control Engineering, uate Academic Studies	
						(SE0) Software Engineering and Information Technol Undergraduate Academic Studies		
						Loznica, U	tware Engineering and Information Technologies - ndergraduate Academic Studies	
3.	F501	WEB [Design			Academic		
			0			Studies	ineering Animation, Undergraduate Academic	
4.	GI211	Geoinf	ormatics			Studies	desy and Geomatics, Undergraduate Academic	
5.	GI111	Inform	ation techno	ologies in geodesy		Studies	desy and Geomatics, Undergraduate Academic	
6.	SE0006	Obiect	oriented pr	ogramming 1		Undergrad	tware Engineering and Information Technologies, uate Academic Studies	
		,000		· J······························		Loznića, U	tware Engineering and Information Technologies - ndergraduate Academic Studies	
						Studies	duction Engineering, Undergraduate Academic	
7.	SE239A	Web p	rogramminę]		Undergrad	tware Engineering and Information Technologies, uate Academic Studies	
						Loznica, U	tware Engineering and Information Technologies - ndergraduate Academic Studies	
8.	8. E2501 Electronic Payment Systems			Academic				
						Master Aca	tware Engineering and Information Technologies, ademic Studies	
9.	9. EP007 Document and content management			Studies	neering Management, Specialised Professional			
						(IB0) Engineering Management - MBA, Specialised Professional Studies		
10.	AD0008	Web design in Architecture				(AD0) Digital Techniques, Design and Production in Architecture and Urban Planning, Master Academic Studies		
11.	DRNI03	Select	ed Topics ir	n Internet-Based Systems		(E20) Con Academic	nputing and Control Engineering, Doctoral Studies	



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

Study Programme Accreditation

UNDERGRADUATE ACADEMIC STUDIES



 Conference on Software Engineering and Applications (SEA 2004), Cambridge, USA, November 9-11, 2004., pp. 489-493 Vidaković M., Sladić G., Komazec S., "Sistemi za upravljanje elektronskim sadržajima i njihova promena u eUpravi", Info M: časopis za informacione tehnologije i multimedijalne sisteme, 2006., pp. 36-41, ISSN 1451-4397 Vidaković, M., Zubić, T., Milosavljević, B., Pupovac, B., Tošić, T., "Processing Bibliographic Documents in the Library Inforation System BISIS", Proceedings of the International Conference on Distributed LibraryInformation Systems, Ohrid, Former Yugoslav Republic of Macedonia, June 1-6, 2004., pp. 65-91. Vidaković, M., Sladić, G., Konjović, Z., "Security Management In J2EE Based Intelligent Agent Framework", Proceedings of the 7th IASTED International Conference on Software Engineering and Applications (SEA 2003), Marina Del Rey, USA, November 3- 5, 2003., pp. 128-133. 	LIST	ist of courses being held by the teacher in the accredited study programmes							
12. DRN05 Selected Topics in Software Standardization and Quality Academic Studies 13. FDS152 Selected Topics in Computer Graphics (F20) Engineering Animation, Doctoral Academic Studies 14. DAU014 Selected Topics in Computing (E20) Computing and Control Engineering, Doctoral Academic Studies 14. DAU014 Selected Topics in Computing (E20) Computing and Control Engineering, Doctoral Academic Studies 15. DRN116 Selected Topics in Electronic Business (E20) Computing and Control Engineering, Doctoral Academic Studies 16. DRN118 Selected Topics in Distributed/Mobile computing (E20) Computing and Control Engineering, Doctoral Academic Studies 17. Vidaković, M., Milosavijević, B., "Internationalisation of the BISIS Library Information System", Proceedings of the 28th International Unicode Conference, Orlando, USA, September 7-9, 2005. 19. Vidaković, M., Saldi, G., Carzić, M., "Wiedatat Harversting Using Agent Technology", Proceedings of the 18th ASTED International Conference on Software Engineering and Applications (SEA 2004), Cambridge, USA, November 9-11, 2004, pp. 489-493 19. Vidaković, M., Saldi, G., Komazeć, S., "Sistemi za upravijanje elektronskim sadržajima i njihova promena u eUprav", Info M: Cassopis za Informacional Conference on Software Engineering and Applications (SEA 2004), Cambridge, USA, November 9-11, 2004, pp. 489-493 19. Vidaković, M., Saldić, G		ID Course name Study programme name, study type							
13. FDS152 Selected Topics in Computer Graphics (F00) Graphic Engineering and Design, Doctoral Academic Studies 14. DAU014 Selected Topics in Computing (E20) Computing and Control Engineering, Doctoral Academic Studies 15. DRN116 Selected Topics in Electronic Business (E20) Computing and Control Engineering, Doctoral Academic Studies 16. DRN118 Selected Topics in Distributed/Mobile computing (E20) Computing and Control Engineering, Doctoral Academic Studies 17. DRN118 Selected Topics in Distributed/Mobile computing (E20) Computing and Control Engineering, Doctoral Academic Studies 18. DRN118 Selected Topics in Distributed/Mobile computing (E20) Computing and Control Engineering, Doctoral Academic Studies 19. Vidaković, M., Milosavijević, B., "Internationalisation of the BISIS Library Information System", Proceedings of the 28th International Unicode Conference, Orlando, USA, September 7-9, 2005. Vidaković, M., Sladić, G., Zarić, M., "Metadata Harvesting Using Agent Technology", Proceedings of the 8th IASTED International Conference on Software Engineering and Applications (SEA 2004), Cambridge, USA, November 3-41, 2004, pp. 489-493 3. Vidaković, M., Sladić, G., Komazec S., "Sistemi za upravilanje elektronskim sadržajima i njihova promena u eUpravi", Info M: Casopis za informacione tehnologije i multimedijalne sisteme, 2006, pp. 36-41, ISSN 1451-4397 17. <td>12.</td> <td>DRNI05</td> <td>Selected Topics in Software Standa</td> <td>rdization and Quality</td> <td colspan="4"></td>	12.	DRNI05	Selected Topics in Software Standa	rdization and Quality					
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International Unicode Conference, Orlando, USA, September 7-9, 2005. Vidaković, M., Sladić, G., Zarić, M., "Metadata Harvesting Using Agent Technology", Proceedings of the 8th IASTED International Conference on Software Engineering and Applications (SEA 2004), Cambridge, USA, November 9-11, 2004., pp. 489-493 Vidaković M., Sladić G., Komazec S., "Sistemi za upravljanje elektronskim sadržajima i njihova promena u eUpravi", Info M: časopis za informacione tehnologije i multimedijalne sisteme, 2006., pp. 36-41, ISSN 1451-4397 Vidaković, M., Zubić, T., Milosavljević, B., Pupovac, B., Tošić, T., "Processing Bibliographic Documents in the Library Inforation System BISIS", Proceedings of the International Conference on Distributed LibraryInformation Systems, Ohrid, Former Yugoslav Republic of Macedonia, June 1-6, 2004., pp. 65-91. Vidaković, M., Sladić, G., Konjović, Z., "Security Management In J2EE Based Intelligent Agent Framework", Proceedings of the 8th IASTED International Conference on Software Engineering and Applications (SEA 2003), Marina Del Rey, USA, November 3-5, 2003., pp. 128-133. 6. Milosavljević B., Vidaković M., Komazec S. and Milosavljević G., "User Interface Code Generation for Data-Intensive Systems witt EJB-based Data Models", In Software Engineering Research and Practice, Las Vegas, NV, USA, 2003. 7. Vidaković, M., "Agentska okruženja", Zadužbina Andrejević. Beograd, 2007, ISBN 978-86-7892-047-9 10. Widaković M., Java i Internet programiranje, FTN izdavaštvo, 2007, ISBN 978-86-7892-047-9 10. Nilosavljević B., Vidaković M., Java i Internet programiranje, Vizdavaštvo, 2007, ISBN 978-86-7892-047-9 10.	Representative refferences (minimum 5, not more than 10)								
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4. System BISIS", Proceedings of the International Conference on Distributed LibraryInformation Systems, Ohrid, Former Yugoslav Republic of Macedonia, June 1-6, 2004., pp. 65-91. Vidaković, M., Sladić, G., Konjović, Z., "Security Management In J2EE Based Intelligent Agent Framework", Proceedings of the 7th IASTED International Conference on Software Engineering and Applications (SEA 2003), Marina Del Rey, USA, November 3-5, 2003., pp. 128-133. 6. Milosavljević B., Vidaković M., Komazec S. and Milosavljević G., "User Interface Code Generation for Data-Intensive Systems with EJB-based Data Models", In Software Engineering Research and Practice, Las Vegas, NV, USA, 2003. 7. Vidaković, M., Konjović, Z., "EJB Based Intelligent Agents Framework", Proceedings of the 6th IASTED International Conference on Software Engineering Research and Practice, Las Vegas, NV, USA, 2003. 8. Vidaković M., Konjović, Z., "EJB Based Intelligent Agents Framework", Proceedings of the 6th IASTED International Conference on Software Engineering and Applications (SEA 2002), Cambridge, USA, November 4-6, 2002., pp. 343-348. 8. Vidaković M., "Agentska okruženja", Zadužbina Andrejević. Beograd, 2007, ISBN: 9-788672-446210 9. Milosavljević B., Vidaković M., Java i Internet programiranje, FTN izdavaštvo, 2007., ISBN 978-86-7892-047-9 10. Okanović D., Vidaković M., "Upotreba JMX mlet servisa za ažuriranje verzija aplikacija", Zbornik radova YuInfo 2007 (CD), Kopaonik 2007. Summary data for teacher's scientific or art and professional activity: 119 Total of SCI(SSCI) list papers : 7 <td>3.</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>/i", Info M:</td>	3.						/i", Info M:		
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FACULTY OF TECHNICAL SCIENCES 21000 NOVI SAD, TRG DOSITEJA OBRADOVIĆA 6



Study Programme Accreditation

UNDERGRADUATE ACADEMIC STUDIES

Production Engineering

Academic title: Full Professor Name of the institution where the teacher works full time and starting date: Faculty of Technical Sciences - Novi Sad Scientific or art field: Plastic Deformation Technology, Rapid Prototyping, Virtual Academic carieer Year Institution Academic title election: 1998 Faculty of Technical Sciences - Novi Sad Plastic Deformation Technology, Rapid Prototyping, Virtual Academic title election: 1998 Faculty of Technical Sciences - Novi Sad Plastic Deformation Technology, Rapid Prototyping, Virtual PhD thesis 1986 Faculty of Technical Sciences - Novi Sad Plastic Deformation Technology, Rapid Prototyping, Virtual Magister thesis 1981 Faculty of Technical Sciences - Novi Sad Plastic Deformation Technology, Rapid Prototyping, Virtual Bachelor's thesis 1981 Faculty of Technical Sciences - Novi Sad Plastic Deformation Technology, Rapid Prototyping, Virtual Ib Course name 1974 Faculty of Technical Sciences - Novi Sad Plastic Deformation Technology, Rapid Prototyping, Virtual 1 P207 Metal forming Study programme name, study type (P00) Production Engineering, Undergraduate Academic Studies 3. P2413 Computer Aided Design of Tools and Dies for Metal Forming <th>Nam</th> <th>e and last r</th> <th>name:</th> <th></th> <th></th> <th>Vilotić Ž. Dra</th> <th>qiša</th> <th></th>	Nam	e and last r	name:			Vilotić Ž. Dra	qiša		
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9. P3402 Physical and Phase States of Polymers Studies 10. ZR408A Safety at work on the machines for processing (Z01) Safety at Work, Undergraduate Academic Studies 11. P2407 Rapid Prototyping and Rapid Tooling (PM0) Production Engineering, Master Academic Studies 12. P3501 Tool Designing for Plastic (PM0) Production Engineering, Master Academic Studies 13. P3503A Contemporary Process Systems for Plastic Treatment (PM0) Production Engineering, Master Academic Studies 14. BMIM4B Technologies of shaping biomedical materials (BM0) Biomedical Engineering, Master Academic Studies 15. PMISP1 Modelling and Simulation of Metal Forming Processes (PM0) Production Engineering, Master Academic Studies 16. PTS01 Technology of sintering (PM0) Production Engineering, Master Academic Studies 17. DP001 Design and Research Methods in Production Engineering, Doctoral Academic Studies 18. DP005 State and Tendencies in Development of Metrology, Quality and Equipment (M00) Mechanical Engineering, Doctoral Academic Studies 19. DP008 Contemporary Methods and TPD Systems (M00) Mechanical Engineering, Doctoral Academic Studies 20. DP12 Phy	8.	M3203	Techn	ology of ma	achinery		Academic	Studies	
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12. P3501 Tool Designing for Plastic (PM0) Production Engineering, Master Academic Studies 13. P3503A Contemporary Process Systems for Plastic Treatment (PM0) Production Engineering, Master Academic Studies 14. BMIM4B Technologies of shaping biomedical materials (BM0) Biomedical Engineering, Master Academic Studies 15. PMISP1 Modelling and Simulation of Metal Forming Processes (PM0) Production Engineering, Master Academic Studies 16. PTS01 Technology of sintering (PM0) Production Engineering, Master Academic Studies 17. DP001 Design and Research Methods in Production Engineering, Doctoral Academic Studies 18. DP005 State and Tendencies in Development of Metrology, Quality and Equipment (M00) Mechanical Engineering, Doctoral Academic Studies 19. DP008 Contemporary Methods and TPD Systems (M00) Mechanical Engineering, Doctoral Academic Studies 20. DP012 Physical Modelling and TPD Simulation by Computers (M00) Mechanical Engineering, Doctoral Academic Studies	10.	ZR408A	Safety at work on the machines for processing			sing	(Z01) Safe	ety at Work, Undergraduate Academic Studies	
13. P3503A Contemporary Process Systems for Plastic Treatment (PM0) Production Engineering, Master Academic Studies 14. BMIM4B Technologies of shaping biomedical materials (BM0) Biomedical Engineering, Master Academic Studies 15. PMISP1 Modelling and Simulation of Metal Forming Processes (PM0) Production Engineering, Master Academic Studies 16. PTS01 Technology of sintering (PM0) Production Engineering, Master Academic Studies 17. DP001 Design and Research Methods in Production Engineering (M00) Mechanical Engineering, Doctoral Academic Studies 18. DP005 State and Tendencies in Development of Metrology, Quality and Equipment (M00) Mechanical Engineering, Doctoral Academic Studies 19. DP008 Contemporary Methods and TPD Systems (M00) Mechanical Engineering, Doctoral Academic Studies 20. DP012 Physical Modelling and TPD Simulation by Computers (M00) Mechanical Engineering, Doctoral Academic Studies	11.	P2407	Rapid Prototyping and Rapid Tooling				(PM0) Pro	oduction Engineering, Master Academic Studies	
14.BMIM4BTechnologies of shaping biomedical materials(BM0) Biomedical Engineering, Master Academic Studies (PM0) Production Engineering, Master Academic Studies15.PMISP1Modelling and Simulation of Metal Forming Processes(PM0) Production Engineering, Master Academic Studies16.PTS01Technology of sintering(PM0) Production Engineering, Master Academic Studies17.DP001Design and Research Methods in Production Engineering(M00) Mechanical Engineering, Doctoral Academic Studies18.DP005State and Tendencies in Development of Metrology, Quality and Equipment(M00) Mechanical Engineering, Doctoral Academic Studies19.DP008Contemporary Methods and TPD Systems(M00) Mechanical Engineering, Doctoral Academic Studies20.DP012Physical Modelling and TPD Simulation by Computers(M00) Mechanical Engineering, Doctoral Academic Studies	12.	P3501	Tool Designing for Plastic				(PM0) Pro	oduction Engineering, Master Academic Studies	
14. BMIM4B Technologies of shaping biomedical materials (PM0) Production Engineering, Master Academic Studies 15. PMISP1 Modelling and Simulation of Metal Forming Processes (PM0) Production Engineering, Master Academic Studies 16. PTS01 Technology of sintering (PM0) Production Engineering, Master Academic Studies 17. DP001 Design and Research Methods in Production Engineering (M00) Mechanical Engineering, Doctoral Academic Studies 18. DP005 State and Tendencies in Development of Metrology, Quality and Equipment (M00) Mechanical Engineering, Doctoral Academic Studies 19. DP008 Contemporary Methods and TPD Systems (M00) Mechanical Engineering, Doctoral Academic Studies 20. DP012 Physical Modelling and TPD Simulation by Computers (M00) Mechanical Engineering, Doctoral Academic Studies	13.	P3503A	Conter	mporary Pr	ocess Systems for Plastic	Treatment	(PM0)Pro	oduction Engineering, Master Academic Studies	
15. PMISP1 Modelling and Simulation of Metal Forming Processes (PM0) Production Engineering, Master Academic Studies 16. PTS01 Technology of sintering (PM0) Production Engineering, Master Academic Studies 17. DP001 Design and Research Methods in Production Engineering (M00) Mechanical Engineering, Doctoral Academic Studies 18. DP005 State and Tendencies in Development of Metrology, Quality and Equipment (M00) Mechanical Engineering, Doctoral Academic Studies 19. DP008 Contemporary Methods and TPD Systems (M00) Mechanical Engineering, Doctoral Academic Studies 20. DP012 Physical Modelling and TPD Simulation by Computers (M00) Mechanical Engineering, Doctoral Academic Studies	14.	BMIM4B	Technologies of shaping biomedical materials				· ·	• •	
16. PTS01 Technology of sintering (PM0) Production Engineering, Master Academic Studies 17. DP001 Design and Research Methods in Production Engineering (M00) Mechanical Engineering, Doctoral Academic Studies 18. DP005 State and Tendencies in Development of Metrology, Quality and Equipment (M00) Mechanical Engineering, Doctoral Academic Studies 19. DP008 Contemporary Methods and TPD Systems (M00) Mechanical Engineering, Doctoral Academic Studies 20. DP012 Physical Modelling and TPD Simulation by Computers (M00) Mechanical Engineering, Doctoral Academic Studies	15.	PMISP1	Modelling and Simulation of Metal Forming Processes			Processes			
17. DP001 Design and Research Methods in Production Engineering (M00) Mechanical Engineering, Doctoral Academic Studion 18. DP005 State and Tendencies in Development of Metrology, Quality and Equipment (M00) Mechanical Engineering, Doctoral Academic Studion 19. DP008 Contemporary Methods and TPD Systems (M00) Mechanical Engineering, Doctoral Academic Studion 20. DP012 Physical Modelling and TPD Simulation by Computers (M00) Mechanical Engineering, Doctoral Academic Studion									
18. DP005 State and Tendencies in Development of Metrology, Quality and Equipment (M00) Mechanical Engineering, Doctoral Academic Studies 19. DP008 Contemporary Methods and TPD Systems (M00) Mechanical Engineering, Doctoral Academic Studies 20. DP012 Physical Modelling and TPD Simulation by Computers (M00) Mechanical Engineering, Doctoral Academic Studies			Desigr Engine	and Rese	earch Methods in Production		<u> </u>		
20. DP012 Physical Modelling and TPD Simulation by Computers (M00) Mechanical Engineering, Doctoral Academic Studi	18.		State a Quality	and Tender / and Equir	pment	letrology,	, ,		
	19.	DP008	Conter	mporary M	ethods and TPD Systems		1 · · · · ·		
21. DP015 Nonconventional Procedures of Forming in TPD (M00) Mechanical Engineering, Doctoral Academic Studi	20.	DP012	Physic	al Modellir	ng and TPD Simulation by	Computers	(M00) Me	chanical Engineering, Doctoral Academic Studie	
	21.	DP015	Nonco	nventional	Procedures of Forming in	TPD	(M00) Me	chanical Engineering, Doctoral Academic Studie	

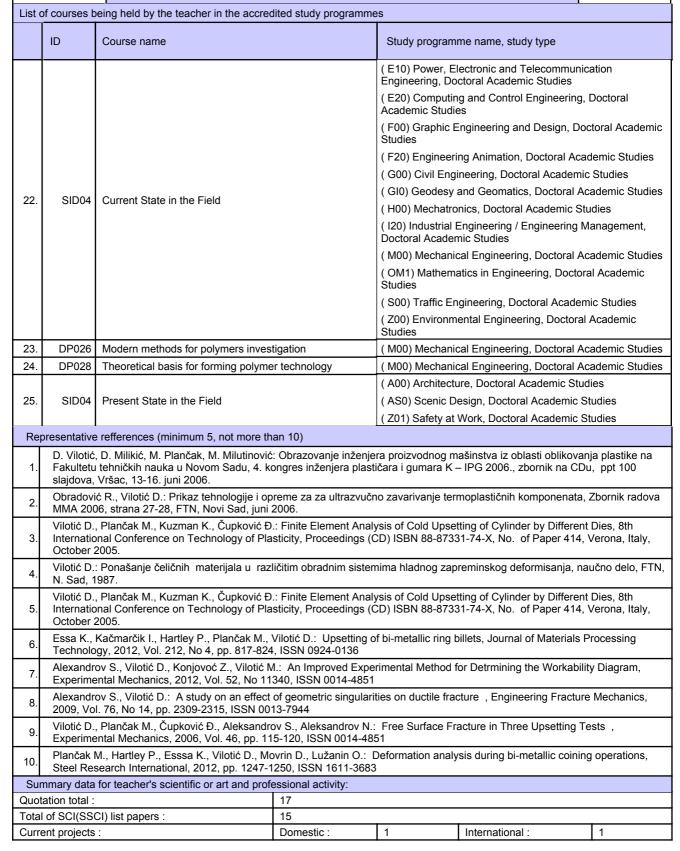


FACULTY OF TECHNICAL SCIENCES 21000 NOVI SAD, TRG DOSITEJA OBRADOVIĆA 6

Production Engineering

Study Programme Accreditation

UNDERGRADUATE ACADEMIC STUDIES





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

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Study Programme Accreditation

UNDERGRADUATE ACADEMIC STUDIES

Production Engineering

Nam	e and last n	ame:			Vukelić B. Đo	orđe		
Academic title:					Assistant Professor			
Name of the institution where the teacher works full time and								
starting date: Scientific or art field:					23.10.2000			
					Metrology, Quality, Fixtures and Ecological-Engineering Aspects			
Acad	emic cariee	er	Year	Institution			Field	
Acad	emic title el	ection:	2010	Faculty of Technical Scie	ences - Novi S	ad	Metrology, Quality, Fixtures and Ecological- Engineering Aspects	
PhD	thesis		2010	Faculty of Technical Scie	ences - Novi S	ad	Metrology, Quality, Fixtures and Ecological- Engineering Aspects	
Magi	ster thesis		2005	Faculty of Technical Scie	ences - Novi S	ad	Metrology, Quality, Fixtures and Ecological- Engineering Aspects	
Bach	elor's thesis	6	2000	Faculty of Technical Scie	ences - Novi S	ad	Metrology, Quality, Fixtures and Ecological- Engineering Aspects	
List c	of courses b	eing hel	d by the te	acher in the accredited stu	udy programme	es		
	ID	Course	e name			Study pro	ogramme name, study type	
1.	P1401	Fixture	Design an	d Measuring Machines		(P00) Pro Studies	duction Engineering, Undergraduate Academic	
						(P00) Pro Studies	duction Engineering, Undergraduate Academic	
2.	P1508	Reverse Engineering and CAQ				(SE0) Software Engineering and Information Technologies, Undergraduate Academic Studies		
						(SEL) Software Engineering and Information Technolo Loznica, Undergraduate Academic Studies		
	5000	Measurements and Quality				(M40) Technical Mechanics and Technical Design, Undergraduate Academic Studies		
3.	P209					(P00) Production Engineering, Undergraduate Academic Studies		
4.	P306	Fixtures				(P00) Pro Studies	duction Engineering, Undergraduate Academic	
5.	Z207	Mechanical Engineering in Environmental Enginee			Ingineering	(Z20) Environmental Engineering, Undergraduate Academic Studies		
6.	Z207A	Mecha	nical Engin	eering in Environmental E	Ingineering	(Z01) Safety at Work, Undergraduate Academic Studies		
7.	Z301	01 Pollution Measurement and Control			l` '	ety at Work, Undergraduate Academic Studies ronmental Engineering, Undergraduate Academic		
8.	ZRI441		·*	systems for environmenta	al and labor		ety at Work, Undergraduate Academic Studies	
9.	ll1037	Disassembly and recycling technologies				(I10) Industrial Engineering, Undergraduate Academic Studies		
10.	P322	Introduction to Precision Engineering				(P00) Production Engineering, Undergraduate Academic Studies		
11.	ZC036	Measurement and control of pollution				(ZC0) Cle Academic	an Energy Technologies, Undergraduate Studies	
12.	P1409	Materia	al Control S	Systems and CAI		(PM0) Production Engineering, Master Academic Studies		
13.	P1501	Ecological Technologies and Systems				(M40) Technical Mechanics and Technical Design, Master Academic Studies		
					, ,	oduction Engineering, Master Academic Studies		
14.	Z416A	Environment Protection System Management			ent		oduction Engineering, Master Academic Studies	
15.	1907	Automated Assembly Systems for High Accuracy			curacy		chatronics, Master Academic Studies oduction Engineering, Master Academic Studies	
16.	P321	Revers	se Enginee	ring and Rapid Prototyping	g		strial Engineering, Master Academic Studies	
17.	PIP16		-	onmental protection		(PM0) Production Engineering, Master Academic Studies		
18.	PLIS1			ulation in Technologies of	Plastics	(PM0) Production Engineering, Master Academic Studies		
19.	PP103	Processing			oduction Engineering, Master Academic Studies			
20.	SM3			for reverse engineering ar		· /	oduction Engineering, Master Academic Studies	
-		(1110)				,	0 0,	



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
	programmes

List of courses being held by the teacher in the accredited study programmes								
	ID	Course name		Study program	me name, study type			
21.	SMI003	Software support for cutting tools an	d fixtures modeling	(PM0) Production Engineering, Master Academic Studie				
22.	SZDH1	ZDH1 Modern Methods of Eco-design (Z00) Environmental Engineering, Specialised Acade Studies						
23.	DM411 Contemporary Approach to Integration of Reverse Engineering of Rapid Prototyping, Tools, Products and Virtual Manufacturing							
24.	DP001	Design and Research Methods in Pr Engineering	roduction	(M00) Mechanic	cal Engineering, Doctoral Ac	ademic Studies		
25.	DP006	State and development trends of me fixtures	etrology, quality and	(M00) Mechanic	cal Engineering, Doctoral Ac	ademic Studies		
26.	DP013	Ecological Engineering Aspects		(M00) Mechanic	cal Engineering, Doctoral Ac	ademic Studies		
27.	DP019	Selected topics in technical diagnos	is	(M00) Mechanic	cal Engineering, Doctoral Ac	ademic Studies		
28.	28. ZDH1 Modern Methods of Eco-design (Z00) Environmental Engineering, I Studies					Academic		
Rep	oresentative	e refferences (minimum 5, not more th	an 10)					
1.		Vukelić Đ., Bračun D., Hodolič J., So Sensors, 2012, Vol. 12, No 1, pp. 110			from Contact and Optical 3E	D Digitization		
2.	Tadić B., Jeremić B., Todorović P., Vukelić Đ., Proso U., Mandić V., Budak I.: Efficient workpiece clamping by indenting cone-							
3.	Tadić B., Todorović P., Vukelić Đ., Jeremić B.: Failure analysis and effects of redesign of a polypropylene yarn twisting machine, Engineering Failure Analysis, 2011, Vol. 18, No 5, pp. 1308-1321, ISSN 1350-6307.							
4.		Hadžistević M., Hodolič J., Vukelić Đ., , International Journal of Advanced M						
5.	Tadić B., Todorović P., Lužanin O., Miljanić D., Jeremić B., Bogdanović B., Vukelić Đ.: Using specially designed high-stiffness							
6.	Mrkajić V., Stamenković M., Maleš M., Vukelić Đ., Hodolič J.: Proposal for reducing problems of the air pollution and noise in the urban environment, Carpathian Journal of Earth and Environmental Sciences, 2010, Vol. 5, No 1, pp. 49-56, ISSN 1842-4090.							
7.	Vukelić Đ., Zuperl U., Hodolič J.: Complex system for fixture selection, modification, and design, International Journal of Advanced Manufacturing Technology, 2009, Vol. 45, No 7-8, pp. 731-748, ISSN 0268-3768.							
8.	Vukelić Đ., Ostojić G., Stankovski S., Lazarević M., Tadić B., Hodolič J., Simeunović N.: Machining fixture assembly/disassembly in RFID environment, Assembly Automation, 2011, Vol. 31, No 1, pp. 62-68, ISSN 0144-5154.							
9.	Trifković B., Budak I., Todorović A., Hodolič J., Puškar T., Jevremović D., Vukelić Đ.: Application of Replica Technique and SEM in Accuracy Measurement of Ceramic Crowns, Measurement Science Review, 2012, Vol. 12, No 3, pp. 90-97, ISSN 1335-8871.							
10.		Vukelić Đ., Hodolič J., Mitrović S., Eri vestnik - Journal of Mechanical Engir				Milling,		
Sur	mmary data	for teacher's scientific or art and profe	essional activity:					
	ation total :		34					
Tota	of SCI(SS	CI) list papers :	21	i				
Curre	ent projects	:	Domestic :	3	International :	3		



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

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UNDERGRADUATE ACADEMIC STUDIES

Production Engineering

Name	e and last n	ame:			Zeljković V. M	lilan			
Academic title:					Full Professor				
Name of the institution where the teacher works full time and					Faculty of Technical Sciences - Novi Sad				
starting date: Scientific or art field:					15.11.1977				
Scier	ntific or art f	ield:			Machine Tools, Flexible Technological Systems and Automatization				
Acad	emic cariee	er	Year	Institution			Field		
Acad	emic title el	ection:	2007	Faculty of Technical Scie	ences - Novi Sa	ad	Machine Tools, Flexible Technological Systems and Automatization Processes Design		
PhD	thesis		1996	Faculty of Technical Scie	ences - Novi Sa	ad	Machine Tools, Flexible Technological Systems and Automatization Processes Design		
Magi	ster thesis		1984	Faculty of Technical Scie	ences - Novi Sa	ad	Machine Tools, Flexible Technological Systems and Automatization Processes Design		
Bach	elor's thesis	6	1977	Faculty of Technical Scie	ences - Novi Sa	ad	Technological Processes, Techno-Economic Optimization and Virtual Design		
List o	f courses b	eing hel	ld by the tea	acher in the accredited stu	udy programme	S			
	ID	Course	e name			Study pro	ogramme name, study type		
1.	P1402	CAD/C	CAE/CAM i	CIM Systems		(P00) Prod Studies	duction Engineering, Undergraduate Academic		
2.	P1407	Machir	ne Tools De	esigning		(P00) Proo Studies	duction Engineering, Undergraduate Academic		
						(P00) Prod Studies	duction Engineering, Undergraduate Academic		
3.	P1410	Virtual	Product De	esigning		(SE0) Software Engineering and Information Technologies Undergraduate Academic Studies			
						(SEL) Software Engineering and Information Technologies - Loznica, Undergraduate Academic Studies			
4.	P301	Automation in Production Engineering				(P00) Prod Studies) Production Engineering, Undergraduate Academic es		
5.	P304	Processing and Technological Systems				(P00)Proo Studies	duction Engineering, Undergraduate Academic		
6.	P307	Autom	ated Flexib	le Technologial Systems		(P00) Production Engineering, Undergraduate Academic Studies			
7.	ZR308A	Securi	ty and Safe	ty Equipment for working		(Z01) Safety at Work, Undergraduate Academic Studies			
8.	ZR408A	Safety	at work on	the machines for process	ing	(Z01) Safe	ety at Work, Undergraduate Academic Studies		
9.	P1405			proach to Product Designi			oduction Engineering, Master Academic Studies		
10.	PR408	Funda Machir		Protection for Operation of	on Processing	(PM0)Pro	oduction Engineering, Master Academic Studies		
11.	IM2118			CAD / CAM technology		(I20) Engir	neering Management, Master Academic Studies		
12.	P307A	Flexibl	e technolog	gical systems		(E20) Computing and Control Engineering, Master Academic Studies			
13.	PP102	Precisi	ion of mach	ine tools		(PM0)Pro	oduction Engineering, Master Academic Studies		
14.	PP110	The dy	namics of r	micro machining systems		(PM0) Pro	oduction Engineering, Master Academic Studies		
15.	PP2I12	Desigr	n of prosthe	tic devices		· ,	medical Engineering, Master Academic Studies oduction Engineering, Master Academic Studies		
16.	DP001	Desigr Engine		arch Methods in Productio	'n	, ,	chanical Engineering, Doctoral Academic Studies		
17.	DP003	State and Developing Trend in the Field of Machine				(M00) Me	chanical Engineering, Doctoral Academic Studies		
18.	DP010	Behaviour Modelling and Experimental Testing of					chanical Engineering, Doctoral Academic Studies		
19.	ZRD18A	Behav Workir	iour Modelling Systems	ing and Experimental Test	-	(Z01) Safe	ety at Work, Doctoral Academic Studies		
20.	ZRD235	Systen and he	nic regulation	ulation in the field of occupational safety (Z01) Safety at Work, Doctoral Academic Studies					
21.	ZRD238	work ir	n the area n	of development safety and nechanical engineering	i nealth at	(Z01) Safe	ety at Work, Doctoral Academic Studies		
Rep			,	num 5, not more than 10)					
1.				perimental and Computer A 1999, Vol. 48, No 1, pp. 32			eed Spindle Assembly behaviour, CIRP Annals -		



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

Study Programme Accreditation



UNDERGRADUATE ACADEMIC STUDIES

Re	presentative refferences (minimum 5, not more that	an 10)						
2.	Gatalo R., Hodolič J., Zeljković M., Milošević V. SAPOR-S systems for automatic programming No 1/2, pp. 91-102, ISSN 0736-5845							
3.	Gatalo R., Rekecki J., Hodolič J., Borojev Lj., Zeljković M., Milošević V., Konjović Z., Malbaški D.: Automatic design of the technological process for NC lathes by the use of SAPOR-S system, International Journal of Production Research, 1983, Vol. 21, No 2, pp. 197-213, ISSN 0020-7543							
4.	Todić V., Zeljković M., Tepić J., Milošević M., Lukić D.: Techno-economic method for evaluation and selection of flexible manufacturing systems, Metalurgija, 2012, Vol. 51, No 3, ISSN 0543-5846							
5.	Antić A., Petrović P., Zeljković M., Kosec B., Hodolič J.: The influence of tool wear on the chip-forming mechanism and tool vibrations, Materijali in tehnologije, 2012, Vol. 46, No 3, pp. 279-285, ISSN 1580-2949							
6.	Milojević Z., Vićević M., Zeljković M., Navalušić S.: Methodology of the bone tissue diagnostic images processing, Academic Journal of Manufacturing Engineering – AJME, 2012, Vol. 10, No 3, pp. 63-70, ISSN 1583-7904							
7.	Milojević Z., Navalušić S., Zeljković M., Vićević M., Beju L.: Haptic interaction program systems development as a part of virtual environment, Academic Journal of Manufacturing Engineering – AJME, 2011, Vol. 9, No 2/2011, pp. 61-66, ISSN 1583-7904							
8.	Tabaković S., Živković A., Grujić J., Zeljković M.: Using CAD/CAE software systems in the design process of modular, revision total hip endoprosthesis, Academic Journal of Manufacturing Engineering – AJME, 2011, Vol. 9, No 2/2011, pp. 97-102, ISSN 1583-7904							
9.	Živković A., Zeljković M., Tabaković S.: Matematical Model for the Roller Bearing Life Determination, Academic Journal of Manufacturing Engineering – AJME, 2010, Vol. 8, No 3/2010, pp. 108-115, ISSN 1583-7904							
10.	Čiča Đ., Zeljković M., Lakić-Globočki G., Sredanović B., Borojević S.: Identification of contact parameters of spindle-holder-tool assembly using artification neural networks, 11. International Scientific Conference "Advanced Production Technologies" - MMA, Novi Sad: Fakultet tehničkih nauka, 20-21 Septembar, 2012, pp. 57-60, ISBN 978-86-7892-419-4							
Su	mmary data for teacher's scientific or art and profe	essional activity:						
	tation total :	22						
	I of SCI(SSCI) list papers :	6	1.					
Curr	ent projects :	Domestic :	1	International :	0			



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



Study Programme Accreditation

UNDERGRADUATE ACADEMIC STUDIES

Production Engineering

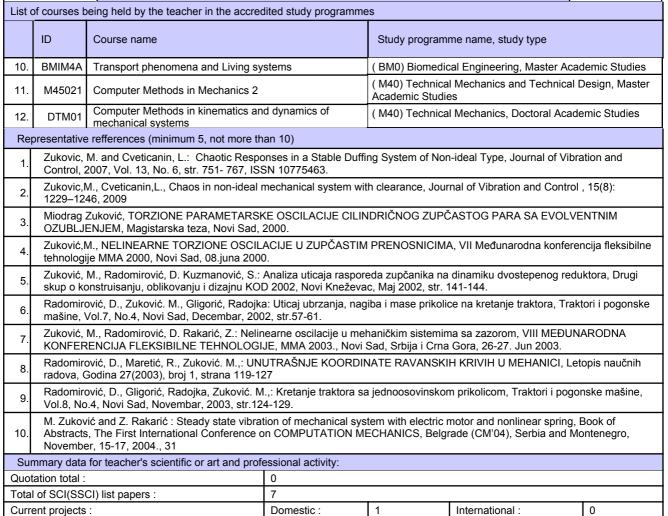
Nam	and last n	amo.				iodrag		
Name and last name: Academic title:					Zuković M. Miodrag Assistant Professor			
Academic title: Name of the institution where the teacher works full time and								
starting date:					01.12.1995			
Scientific or art field:					Mechanics			
Acad	emic caries	er	Year	Institution			Field	
	emic title el		2009	Faculty of Technical Sci	ences - Novi S	ad	Mechanics	
	thesis		2008	Faculty of Technical Sci			Mechanics	
	ster thesis		2000	Faculty of Technical Sci			Mechanics	
	elor's thesis	S	1994	Faculty of Technical Sci			Mechanics	
List o	f courses b	eing he	ld by the te	acher in the accredited stu				
		J						
	ID	Course	e name				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	
2.	10100	Mechanics 1					hnical Mechanics and Technical Design, uate Academic Studies	
						(P00) Proo Studies	duction Engineering, Undergraduate Academic	
						(M20) Mechanization and Construction Engineering, Undergraduate Academic Studies		
2	M107	Maaba				(M30) Ene Academic	ergy and Process Engineering, Undergraduate Studies	
3.	M107	Mechanics 2				(M40) Technical Mechanics and Technical Design, Undergraduate Academic Studies		
						(P00) Production Engineering, Undergraduate Acade Studies		
			Mechanics 3			(M20) Mechanization and Construction Engineering, Undergraduate Academic Studies		
4.	M201	Meebo				(M30) Ene Academic	ergy and Process Engineering, Undergraduate Studies	
4.	IVIZU I					(M40) Tec Undergrad	hnical Mechanics and Technical Design, uate Academic Studies	
						(P00)Proo Studies	duction Engineering, Undergraduate Academic	
							chanization and Construction Engineering, uate Academic Studies	
5.	M2411	Theory of Oscillation				Undergrad	hnical Mechanics and Technical Design, uate Academic Studies	
		(P00) Production Engineering, Undergraduate Academic Studies						
6.	M4301	Compu	uter Methoo	ts in Mechanics			hnical Mechanics and Technical Design, uate 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	Biome	chanics			(BM0) Biomedical Engineering, Undergraduate Academic Studies		
0.	o. Divil 127		Giunica				er, Electronic and Telecommunication g, Undergraduate Academic Studies	
9.	M44061	Optimi	zation of m	echanical systems			hnical Mechanics and Technical Design, uate Academic Studies	



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

Study Programme Accreditation

UNDERGRADUATE ACADEMIC STUDIES





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

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Study Programme Accreditation

UNDERGRADUATE ACADEMIC STUDIES

Production Engineering

Name	e and last n	ame:			Žigić M. Miod	raq		
Academic title:					Assistant Professor			
Name of the institution where the teacher works full time and					Faculty of Technical Sciences - Novi Sad			
starting date:					01.10.2007			
Scier	ntific or art f	ield:	-		Mechanics			
Acad	emic cariee	er	Year	Institution			Field	
Acad	emic title el	ection:	2012	Faculty of Technical Sci	ences - Novi S	ad	Mechanics	
PhD	thesis		2012	Faculty of Technical Sci	ences - Novi S	ad	Mechanics	
Magi	ster thesis		2008	Faculty of Technical Sci	ences - Novi S	ad	Mechanics	
Bach	elor's thesis	6	2004	Faculty of Technical Sci	ences - Novi S	ad	Mechanics	
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.	GG15	Streng	th of Mater	ials		(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	
3.	H112	Mecha	nics 1 – Fu	Indamentals		·	chatronics, Undergraduate Academic Studies fic and Transport Engineering, Undergraduate Studies	
4.	H201	Mecha	nics 2 - Ge	neral		(H00) Med	chatronics, Undergraduate Academic Studies	
5.	H202		th of mater			. ,	chatronics, Undergraduate Academic Studies	
6.	H303	Mecha	tronics 3 –	Further Chapters			chatronics, Undergraduate Academic Studies	
7.	M204	Strength of Materials				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	
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	echanics		(BM0) Bio Studies	medical Engineering, Undergraduate Academic	
11.	II1004	Mecha	nics and In	dustrial Engineering		(I10) Indus Studies	strial Engineering, Undergraduate Academic	
12.	M44061	Optimi	zation of m	echanical systems		· /	hnical Mechanics and Technical Design, uate Academic Studies	
13.	M4504	Therm	al Elasticity	,		(M40) Tec Academic	hnical Mechanics and Technical Design, Master Studies	
14.	BMIM4A	Transp	oort phenon	nena and Living systems		(BM0) Bio	medical Engineering, Master Academic Studies	
15.	M45991	Biome	chanics of	cardiovascular system		(M40) Tec Academic	hnical Mechanics and Technical Design, Master Studies	
16.	SZD051		ations of op	timal control theory in livir	ng	(Z00) Env Studies	ironmental Engineering, Specialised Academic	
17.	DM801	Biome	dical mecha	anics		(M40) Tec	hnical Mechanics, Doctoral Academic Studies	
18.	DTM02	Theory	y of impact			 (H00) Mechatronics, Doctoral Academic Studies (M00) Mechanical Engineering, Doctoral Academic (M40) Technical Mechanics, Doctoral Academic (S00) Traffic Engineering, Doctoral Academic St 		
19.	DTM03	Biome	chanical m	odels and analysis of impa	act	(M40) Tec	hnical Mechanics, Doctoral Academic Studies	
20.	ZRD16A	Select	ed chapters	s in mechanics and elastic	ity theory	(Z01) Safe	ety at Work, Doctoral Academic Studies	
Rep	oresentative	reffere	nces (minin	num 5, not more than 10)				
1.				: Modelling of the hamstri sue 5 (2010), 1695-1700.	ng musle group	by use of f	ractional derivatives, Computers and Mathematics	



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Study Programme Accreditation

Re	presentative refferences (minimum 5, not more th	an 10)						
2.	of Bifurcation and Chaos, Vol. 22, No 4 (2012), 1250076 (10 pages).							
3.	 N. M. Grahovac, M. M. Zigić, and D. T. Spasić: On multiple impacts with fractional type of dissipation, 1st International Congress of Serbian Society of Mechanics, Beograd: Serbian Society of Mechanics, 10-13 April, 2007, str. 173- 180, UDK: 531/534(082) ISBN 978-86-909973-0-5. 							
4.	M. M. Žigić, N. M. Grahovac and D. T. Spasić: A simplified earthquake dynamics of a column like structure with fractional type of dissipation, 1st International Congress of Serbian Society of Mechanics, Beograd: Serbian Society of Mechanics, 10-13 April, 2007, str. 165- 172, UDK: 531/534(082), ISBN 978-86-909973-0-5.							
5.	Grahovac N., Žigić M: Fractional derivative viscoelastic model of the hamstring muscle group, 3rd IFAC Workshop on Fractional Differentiation and its Applications, Ankara, Turkey: 05-07 november, 2008.							
6.	M. M. Zigic, Viscoelastic response of the human hamstring muscle during a ramp-and-hold type of experiment, 2nd International Congress of Serbian Society of Mechanics, Palic: Serbian Society of Mechanics, 01-05 June, 2009, str. 165-173, UDK: 531/534(082), ISBN 978-86-7892-173-5.							
7.	Grahovac N., Žigić M., Spasić D.: On impact scripts with both fractional and dry friction type of dissipation, 4. IFAC Workshop on Fractional Differentiation and Its Applications, Badajoz, 18-20 Oktobar, 2010							
8.	Žigić M., Grahovac N.: Dynamical behavior of a polymer gel during impact. Fractional derivative viscoelastic model, 3. International Congress of Serbian Society of Mechanics, Vlasinsko jezero, 5-8 Jul, 2011, pp. 871-878, ISBN 978-86-909973-3-6, UDK: 531/534(082)							
9.	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:						
Quat	tation total :	5						
Tota	l of SCI(SSCI) list papers : ent projects :	2 Domestic :	i	International :	i			



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Study Programme Accreditation

Production Engineering

Standard 10. Organizational and Material Resources

UNDERGRADUATE ACADEMIC STUDIES

To perform the study program appropriate human, physical, technical, technological, library and other resources that are appropriate to the nature of the study program and the anticipated number of students, are provided. Teaching in the undergraduate study program of production engineering is done in two shifts so that the per student provided a minimum of 2 m2 area.

Classes are held in the amphitheaters, classrooms and specialized laboratories. The library has more than 100 library items that are relevant for the implementation of the study program. All courses of the study program are covered by appropriate textbooks references, teaching aids and aids that are available on time and in sufficient numbers for the normal teaching process. Additionally, adequate information system is provided.

The Faculty has a library and reading room and provides a place for every student in the amphitheaters, classrooms and laboratories.

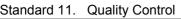


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Study Programme Accreditation

UNDERGRADUATE ACADEMIC STUDIES

Production Engineering



Quality control and quality of the undergraduate study program production engineering are provided on the basis of the quality management system of the Faculty of Technical Sciences, through defined rules for all participants in the learning process and appropriate procedures.

Evaluation of the quality of the study program is carried out continuously and systematically through selfevaluation and external quality assurance. For quality assurance practices should be pointed out decades of surveys on students' and staff satisfaction, which includes:

- Survey of students at the end of classes from the courses;

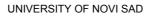
- Surveys of graduates with diplomas awarded on the quality of the study program and logistical support on studies, in addition study comfort is also assessed (clean and tidy classrooms, etc.);

- Surveys of students during the semestral verification - students assessing logistic support of studies;

- Questionnaires for students at the enrollment of the academic year - students evaluating study program which they finished in the previous year;

- Surveys of teaching and non-teaching staff on the quality of the study program and logistical support to studies - in this survey the dean's office, student services, library and other services of the Faculty are evaluated, as well as the working conditions of the Faculty.

To monitor the quality of the study program a special commission consisting of the head of the study program, all the heads of sub-departments involved in the implementation of the study program, assistant representative, a representative of non-teaching staff and one student from each year of study, is formed.





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Production Engineering

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Standard 12. Distance Education

Distance learning is not provided for.