ANTERS STUDIORUM

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



Study Programme Accreditation

Graphic Engineering and Design

STUDY PROGRAMME ACCREDITATION MATERIAL:

GRAPHIC ENGINEERING AND DESIGN

UNDERGRADUATE ACADEMIC STUDIES

Novi Sad 2012. Prevod sa srpskog jezika:

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Study Programme Accreditation

UNDERGRADUATE ACADEMIC STUDIES

Graphic Engineering and Design



Programme name	Graphic Engineering and Design
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	Interdisciplinary
Scientific, proffesional or art field	Graphic Engineering and Design: Technical Sciences; Art
Type of studies	Undergraduate Academic Studies
Study scope, expressed in ECTS	240
Academic degree, abbreviation	Bachelor with Honours in Graphic Engineering and Design, B.Graph.Eng.Des.
Study length	4
Programme implementation starting year	2006
Future course implementation starting year (for new programme)	
Number of students attending this programme	322
Planned number of students to be enrolled in this programme	360
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	2009
Web address containing programme information	http://www.ftn.uns.ac.rs



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Study Programme Accreditation

UNDERGRADUATE ACADEMIC STUDIES

Graphic Engineering and Design

Standard 00. Introduction

The study program of the Undergraduate Studies in Graphic Engineering and Design is accredited within the interdisciplinary field of technical and technological sciences, art in the areas of technical and technological sciences, fine arts and applied arts and design. Studies of this program, which earlier never existed in this form, are accredited as a unique in our state and the region. After the breakup of former Yugoslavia, where the Zagreb was the only center for high education in the field of graphic engineering, Serbia as the state remained without any institution for educating highly skilled professionals in extremely important branch of industry, the graphic industry. Graphic industry is extremely important for all industries because it presents and promotes them through the design and creation of what is inevitable follower of every product - package, prints and print media, contemporary electronic media, as well as the multimedia. Today, our daily life is almost unthinkable without the products of graphic industry, what gives it a special significance. Graphic industry is extremely important part of the industry in every developed country and according to a profit it belongs to the most profitable branches. The development of the graphic industry certainly demands highly educated experts. Graphic industry has exceptional pace of technological change, particularly with the use of modern software and computer systems that were developed to fulfil the needs of this industry. Today, these systems are regarded as highly sophisticated technologies. In order to manage these systems, highly trained staff is required. For this purpose in 1999 the study program of Graphic Engineering and Design was formed. In a very short time it brought a lot of attention and interest in studying. The study program is formed regarding the modern techniques, new alteration dynamics, new living conditions and new technologies that have changed the world of communication and the way of living. Educational structure of the study program is designed to meet the demands and needs of a very important industry - the graphic industry. Graphic industry, as a side branch of almost all industries, is a representative of the product of these industries. Its role is particularly important. With this on mind study program of Graphic Engineering and Design was formed.

Due to the well-designed curriculum, hiring of the renowned professors from different fields, working on the most modern equipment within the department's laboratory, which is the most modern in the South Eastern Europe, department became a leader of high education in the region. Plans and programs of the Graphic Engineering and Design have been formed regarding the model of the prestigious European universities in this field, by taking into account the possibilities and activities related to the contemporary education. Study program of the Undergraduate Studies in Graphic Engineering and Design is intended to allow students to acquire the necessary knowledge that will, at the end of the studies, enable them to be included in the printing industry production processes of small, medium-sized businesses and also the large companies both within the country and abroad. For this inclusion sufficient foundation of theoretical and practical knowledge exists within the Undergraduate studies. Therefore, a large part of the courses in the lower years of a study are designed to provide the necessary knowledge in general education and theoretical basis that will help understanding the graphic engineering, management of complex graphical systems based on the principles of physics, mathematics, electrical engineering, computer science and engineering. Higher years are primarily intended for the specialized courses which should provide technical and applied knowledge in narrow areas of interest within the graphics industry. During the studies, especially within the specialized courses, independent work is highly appreciated, encouraging participation in specific technical and development projects in the laboratories, where focus is place on developing problem-solving skills. New modern laboratory was established in collaboration with leading global companies: KBA, Horizon, Perfecta, BASF, Flint Group, Xerox ...

Through a number of different activities, along with the necessary theoretical and practical knowledge, the sense of personal security and fulfilment is obtained, required for successful integration into the professional environment.

With its own dynamics of development, especially in the growth of the laboratory capacities, this educational profile had become one of the most important in this region. With good cooperation that is established with educational institutions and manufacturers of Germany, as a leading force in the printing industry, the ranking of this educational profile is significantly raised.

The wide area covered by the study program and the clear need to conduct the higher education in the areas of interest, leaded to many elective courses in higher years of study, while maintaining the interdisciplinarity within the required courses.

Undergraduate Studies are created without majoring into study groups in order to create a powerful profile, which can be included in different areas of graphic profession and further training. Undergraduate Academic Studies are formed to last for four academic years.



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Study Programme Accreditation

Graphic Engineering and Design

Standard 01. Programme Structure

UNDERGRADUATE ACADEMIC STUDIES

The study program of the Undergraduate Studies in Graphic Engineering and Design is structured within one study group. This concept has been adopted in order to create quality and fundamentally strong educational profile, able to be easily engaged in production engineering and creative processes. With the acquired level of knowledge students can also be included into the various forms of development and improvement. After the completion of Undergraduate Studies, students can be involved in further study processes on Specialist and Master Studies. The structure of the study program consists of general academic courses, followed by scientific-professional, applied, theoretical, methodological and artistic courses. Relation between the groups of courses is well balanced, so that the outcome is getting quality educated engineering profile with the necessary skills and wide acquired knowledge.

Mastering the study program is conducted through teaching that consists of lectures and exercises. Part of the exercises is performed by practical engagement in the graphic industry companies. Lectures are maintained in a contemporary way with the use of appropriate didactic materials and modern literature. The practical exercises are conducted in modern computer labs and classrooms within the laboratory of Graphic Engineering and Design, and also by using the most contemporary equipment installed in the laboratory of Graphic Engineering and Design. Exercises are performed as auditory, laboratory, computational, graphics and computer oriented. The goal of the exercises is to further elaborate the material that was presented on the lectures and to acquire more practical knowledge. For the purpose of practical exercises there are workbooks for each course, which are well metodologically designed in order for student to learn and master the course throug the practical application. Each exercise is defined through the goal, necessary level of theoretical knowledge, training methodology, analysis and the discussion of the obtained results. The size of the group of students engaged in each exercise is defined according to the type of practical work. Student obligations on exercises may contain writing of seminar papers and homework, project assignments, semester and graphic works, while every student activity during the teaching process is monitored and evaluated by defined, accredited rules. Envisaged liabilities are graded by the number of points earned, in accordance with the unique methodology defined by the statute of the faculty.

Each course carries a certain number of ECTS, while the entire study is considered complete when a student fulfill all obligations defined by the program of Undergraduate Studies, finish the thesis and thereby collect a minimum of 240 ECTS.

The name of the Undergraduate Study program is Graphic Engineering and Design. Academic title acquired is the Bachelor with Honours in Graphic Engineering and Design. The outcome of the learning process is the knowledge that student obtain through the use of the professional literature, which enables the application of acquired knowledge, solving the problems that arise in the field and providing the possibility for further studies.

Requirements for enrolling the program of the Undergraduate Studies in Graphic Engineering and Design are completed four-year-long secondary school and passed the entrance exam. The entrance exam consists of two parts: mathematics (carrying a maximum of 30 points) and test of the preferences (carrying a maximum of 30 points), which gives the maximum of 60 points. The entrance exam is considered passed if the candidate obtains the minimum of 14 points.



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Study Programme Accreditation

Graphic Engineering and Design

Standard 02. Programme Objectives

UNDERGRADUATE ACADEMIC STUDIES

The purpose of the study program of the Undergraduate Studies is to educate students for the profession of Bachelor of Graphic Engineering and Design in accordance with the needs of the printing industry and the wider economy and society, which have it own interest in graphic industry. These needs are specially regarded to the graphic industry, which is, in highly developed countries, industry branch with high profits contributing to the development of other industries and country in general. Graphic industry is of great importance for all industries and special purpose of education is focused on quality and the application of knowledge for the development of graphic industry. Study program of the Undergraduate Studies in Graphic Engineering and Design is created to ensure the acquisition of competencies that are socially justified, essential for economic development and useful with a high degree of applied knowledge. Faculty of Technical Sciences had defined the aims and goals of education for highly competent personnel in the areas of technology. These goals had been implemented in this educational profile. The purpose of

in the areas of technology. These goals had been implemented in this educational profile. The purpose of the study program of the Undergraduate Studies in Graphic Engineering and Design is fully consistent with the basic objectives and tasks defined by the Faculty of Technical Sciences.

By fulfilling the study program formed in this manner, Bachelors of Graphic Engineering and Design are being educated, obtaining the high degree of competence in Europe and in the world. This is confirmed by enrolling the Bachelors of Graphic Engineering and Design into the Master Studies at many foreign universities.



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Study Programme Accreditation

Graphic Engineering and Design

Standard 03. Programme Goals

UNDERGRADUATE ACADEMIC STUDIES

The main objective of the study program is the achievement of competencies and academic skills in the areas of graphic engineering and design. This goal is fulfilled through secondary objectives that include: Acquiring the interdisciplinary knowledge by mastering the general courses, courses related to the basic knowledge of the graphic profession, art subjects, design, computer science and management subjects. Practical knowledge. Obtaining the necessary knowledge for the formulation of projects and problems, together with the plans to address them by using various technical and artistic knowledge and skills. This, among other things, leads to evolvement of creative abilities for approaching the problem and critical thinking with rational decisions.

Communication and the teamwork. Obtaining the necessary knowledge to actively use at least one foreign language in order to solve technical problems, together with the development of the ability to present results to the professional and the general public, as well as developing skills for working within the team. Preparation for further studies. Obtaining the necessary knowledge as a base for further education through the Master, Specialist and the Doctoral Studies. One of the specific objectives, consistent with the goals for educating the experts at the Faculty of Technical Sciences is to raise the students' awareness of the need for permanent education, the development of the society and the environment.

Preparations for professional engagement. Obtaining the necessary knowledge and the awareness of a wide range of problems and responsibilities that can occur in the professional practice: safety, ethics, ecology and economy.

One of the goals is also the leadership in the quality of the education especially within the countries of South Eastern Europe, which was proven in competitions within the various fields in the previous accreditation period.



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Study Programme Accreditation

UNDERGRADUATE ACADEMIC STUDIES

Graphic Engineering and Design

Standard 04. Graduates` Competencies

Graduated students of the Undergraduate Academic Studies in Graphic Engineering and Design are competent to deal with the real problems in practical work and to continue their education if they choose to do so. Competencies include, above all, the development of the skills for critical thinking in the field of engineering, ability to analyze problems, to synthesize the solutions, and to predict the behavior of the chosen solution with the clear idea of its advantages and the drawbacks.

When it comes to specific capabilities of students, by mastering the study program of Graphic Engineering and Design student receives a fundamental knowledge and understanding of the relevant disciplines and fields, as well as the ability to solve practical problems using engineering methods and procedures. Regarding the interdisciplinary nature of a study program, the ability to relate basic knowledge in various fields and practical application is especially important. Graduated students of Graphic Engineering and Design are able to properly write and present the results of their work. During the studies, due to the nature of the profession, modern computer and software systems are extensively used.

Graduated student from this level of study are competent to use their knowledge in practical application, to follow and implement the innovation in the profession, and also to cooperate with local and international social environment.

Students are qualified to design, organize and manage production. During the studies student gains the competency and the independence. Bachelors of Graphic Engineering and Design during their studies obtain the knowledge on how to economically utilize natural resources of the Republic of Serbia in accordance with the principles of sustainable development.

Special attention is placed on the development of professional ethics and skills necessary for the efficient working within the team. Competences of Bachelor students are of special importance for graphic industry, allowing them to be included into the following activities:

- manufacturing the paper and paperboard intended for further industrial processing,
- manufacturing the pulp, paper and paper products, cardboard and paperboard
- calendering, coating and impregnating the paper and paperboard
- producing creped and pleated paper
- manufacturing of corrugated paper and paperboard
- manufacturing of corrugated paper and paperboard packaging
- manufacturing of paper and paperboard packaging
- production of folding cardboard packaging
- manufacturing of solid board packaging
- manufacturing of paper sacks and bags

producing office products

• producing paper products for household and personal use and products of cellulose wadding, producing the slips, tissues, towels and napkins, toilet paper, sanitary napkins and tampons, diapers and baby diaper tape, cups, bowls, trays and others.

paper converting

- producing the paper for printing and writing, ready for use
- producing paper for computer printing
- manufacturing of self-copy paper, ready for use
- manufacturing of duplicator stencils and carbon paper
- manufacturing of gummed or adhesive paper, ready for use
- producing the envelopes and postcards
- manufacturing the boxes, bags, notebooks and stationery related products
- manufacturing of wallpaper and similar paper products, including vinyl-coated wallpaper

• manufacturing the textile wallpapers

- manufacturing the labels (stickers)
- producing the filter paper and cardboard
- producing the coils and other elements for winding of paper and paperboard
- manufacturing the boxes and other packaging products made of pressed cardboard.

• publishing, printing and reproducing the recorded media (books, brochures, musical books and other publications)

• publishing the newspapers (dailies and periodicals) printed on a newsprint paper, including the advertisements

- journals and periodicals publishing
- publishing compact discs with music and other audio recordings
- producing the photos, engravings and postcards



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UNDERGRADUATE ACADEMIC STUDIES

Graphic Engineering and Design



• producing the schedules etc.

- producing the forms
- producing the posters and reproductions of works of art

• producing other printed materials such as postcards reproduced by mechanical or photo – mechanical processes

• micropublishing etc.

• reproducing from master software and data copies on discs and tapes.

Additional activities include understanding the graphic machines and components integrated in these complex systems, understanding the process of making art products with the realization through the engineering approach, development and production of computer games, computer games design, design of characters and movement, development of the electronic multimedia systems, industrial design of printing industry products, web site design, digital printing, effective advertising, development of software application for colour management, graphic packaging design, programming, graphics applications, software development, typographical solutions development.

This is just one part of much wider lists of activities in which the Bachelors of Graphic Engineering and Design can be included due to their competency.



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Study Programme Accreditation

UNDERGRADUATE ACADEMIC STUDIES

Graphic Engineering and Design

Standard 05. Curriculum

The curriculum of the Undergraduate Academic Studies in Graphic Engineering and Design is made to meet the set goals. The structure of the study program provided about 15% of academic and general courses, about 20% of theoretical and methodological, about 35% of the scientific-technical and 30% of professional and applied courses. The demand that elective courses should be represented with 20% of all the ECTS credits is also fulfilled. In addition, courses within the studies can be divided into the following groups:

- a group of general courses
- a group of professional courses
- a group of art courses
- a group of design courses
- a group of courses that deal with large number of professional graphic softwares and
- a group of management courses.

All courses last one semester and carry an adequate number of ECTS credits. From the last accreditation period the students' engagement is lowered by reducing the number of classes from 60 to 52 and less. This will raise their quality of coping with the demands. The order of courses within the study program is also improved regarding the previous accreditation period, in order that the basic knowledge required for some courses is obtained in the previously mastered ones.

Within the curriculum each course is described through its name, type, year and semester of studies, number of ECTS credits it carries, professor's name, the aim with the desired outcomes, knowledge and competencies, prerequisites for attending the course, course content, suggested literature, teaching methods, method of assessment and evaluation, and other data. The study program is compliant with the European standards in terms of admission requirements, length of study, conditions for passing to the next year, graduation and study methods.

An integral part of the Undergraduate Studies in Graphic Engineering and Design curriculum is professional practice and practical work in a period of 60 hours, which is fulfilled within the respective companies, scientific research institutions, organizations for innovating activities, organizations for providing infrastructural support for innovations, concerns and public institutions.

A student completes the studies by writing the final thesis, which consists of theoretical and methodological preparation necessary for in-depth understanding the field of interest, and the development of the creative work itself.

Prior the thesis presentation, the candidate had to elaborate the theoretical and methodological basis in front of his mentor. The final grade is derived from the grade in theoretical and methodological preparation, thesis creation and presentation. Final thesis is presented under the committee formed in accordance to the system of quality and general faculty norms.

It is important to note that this curriculum has been, with minor changes, successively implemented from 2002/2003 and that it was successively fulfilled in the first accreditation period.



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Study Programme Accreditation

UNDERGRADUATE ACADEMIC STUDIES

Graphic Engineering and Design

Course:											
Course	id:	F101	Mathematics								
Number	of ECTS:	8									
Teache	-		Kostić Z. I	Marko							
Course	status:		Mandator	у							
Number	of active teac	hing classe	s (weekly)	I							
L	ectures:	Practical	classes:	Other teachi	ng types:	Study resea	arch work:	Other cla	isses:		
	4	4		0		0		0			
Precond	lition courses		-	None							
1. Educ	1. Educational goal:										
To acqu problem	iire basic know is. To enable s	wledge in th students to	ne field of link and a	algebra and ma apply the acquir	thematica ed knowle	l analysis. To develop al dge in other general and	bstract thinking and I professional course	analytical ap es.	proach to		
2. Educ	ational outcom	es (acquire	d knowled	lge):							
Student profess	is taught to a ional courses	apply math and furthe	ematical i r educatio	models presente on, as well as ir	ed within in practice.	the course. Student is r	eady to utilize the a	cquired know	vledge in		
3. Cours	se content/stru	cture:									
Comple geomet functior continu integral	Complex numbers. Determinants and systems of linear equations (Cramer's rule and Gauss algorithm). Vector algebra and analytical geometry in space R3 (line and plane). Polynomials (polynomial zeros, factoration in the set of real and complex numbers, rational functions). Sequences (gathering points, limit values, convergence and divergence). Real functions of a variable (limit values and continuum). Differential calculation (derivatives, higher order derivatives and application). Integral calculation (indefinite and definite integrals). Application of integral calculations										
4. Teac	ning methods:										
Lecture charact tasks a consulta making the seco	s. Auditory ar eristic example re done in a v ations are held a larger logica ond module is	nd computi es to illustra wider rang I regularly, I unit, can t mathematic	ng practio ate and si e and the or consult be passed cal analysi	ce. Individual complify the lecture content presentations in small g during the teach is content.	onsultation ring conter nted in lea groups. Ho hing proce	ns. Homework. In lectur nt. In practice, which are ctures is deepened. Ap- mework is provided afte ss in the form of 2 modul	res, theoretical cont synchronized with l art from lectures ar r each taught lesson es: the first module i	tent is present ectures, char ad practice, i A part of the s algebra cor	nted with acteristic ndividual a content, ntent, and		
				Knowledge e	evaluation	(maximum 100 points)					
	Pre-examina	tion obligat	ions	Mandatory	Points	Final ex	kam	Mandatory	Points		
Exercise	e attendance			Yes	5.00	Theoretical part of the ex	am	Yes	40.00		
Lecture	attendance			Yes	5.00	Practical part of the exan	n - tasks	Yes	30.00		
Test				Yes	10.00						
Test				Yes	10.00						
			i		Litera	ature		r			
Ord.	A	uthor			Title		Publish	er	Year		
1,	N. Adžić		Ma	itematika za arhi	tekturu		Stylos		2001		
2,	N. Adžić i dru	ıgi:	Zbi	irka rešenih zada	ataka iz Ma	atematike za arhitekturu			1999		
3,	J. Nikić, L.Čo	mić	Ma	itematika I			Stylos		2002		
4,	I. Grbić, S. L J. Pantović i d	ikavec. T. L dr.	-ukić, Zbi	irka rešenih zada	ataka iz Ma	atematike jedan	FTN Novi Sad		2004		
5,	S. Gilezan		lzv	od iz predavanja	a iz Matem	atike	http://imft.ftn.ns.ac.	yu/~silvia	2007		



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



Study Programme Accreditation

UNDERGRADUATE ACADEMIC STUDIES

Graphic Engineering and Design

Course:										
Course id:	F103		Chemistry in Graphic Engineering							
Number of EC	CTS: 6									
Teachers:		Kiursl	ki S. Jele	ena, Prica Đ.	Miljana					
Course status	5:	Mand	atory							
Number of ac	tive teaching cl	asses (wee	ekly)							
Lecture	es: Prac	tical classe	classes: Other teaching types: Study research work: Other cla					sses:		
3		0		3		0		0		
Precondition of	courses		-	None		<u> </u>				
1. Educationa	il goal:									
Acquiring bas	ic knowledge ir	n selected o	chapters	s in chemistry	/ which ar	e important for graphic er	igineering.			
2. Educationa	Il outcomes (ac	quired kno	wledge)	:						
Acquired know	Acquired knowledge is used as basics for understanding fundamentals of physical – chemical processes in further education of graphic profession									
3. Course con	ntent/structure:									
The course ir chemical coni electro-chem polymerials,	ncludes basic r nections and st istry, surface a chemical conte	notions and tructure of appearanc ent and ba	d chemi molecul es, collo sic prop	cal laws, stru es, oxides, a oid systems, perties of pri	ucture of icids, base photoche nting colo	solid substances, nature es and salts, chemical re emistry, fundamentals ir purs, chemical content o	of gasses and liquic actions, thermo-chem organic chemistry, f glues.	ls, structure o histry, fundam chemical stru	of atoms, nentals in ucture of	
4. Teaching m	nethods:									
Active particip experimental experimental	pation of teach techniques an exercises cons	ers and st d calculati sultations	udents i ons fror are regu	in classes w n selected a ularly held.	ith moder reas of ch	n didactic devices, labor nemistry relevant to the f	atory work in small g ield of printing. In ac	roups with th Idition to lect	ne use of ures and	
				Knowledge e	valuation	(maximum 100 points)				
Pre-	examination ob	oligations		Mandatory	Points	Final ex	kam	Mandatory	Points	
Laboratory ex	ercise attendar	nce		Yes	5.00	Oral part of the exam		Yes	30.00	
Laboratory ex	ercise defence			Yes	20.00					
Lecture attend	dance			Yes	5.00					
Test				Yes	10.00					
Test				Yes	10.00					
Test				Yes	10.00					
Test				Yes	10.00					
					Liter	ature				
Ord.	Author				Title)	Publishe	er	Year	
1, Kiurs	ski, J., Prica, M	., Fišl, J.	I, J. Hemija u grafičkom inženjerstvu – praktikum, II FTN izdav izdanje tehničkih			FTN izdavaštvo, Fa tehničkih nauka Nov	TN izdavaštvo, Fakultet 2007			
2, Jeler	na Kiurski		Hemija	a u grafičkom	inženjers	tvu, osnovni udžbenik	FTN Izdavaštvo, No	ovi Sad	2009	



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



Study Programme Accreditation

UNDERGRADUATE ACADEMIC STUDIES

Graphic Engineering and Design

Course:											
Course	id:	F114		Graphic applications							
Number	of ECTS:	6									
Teache	rs:		Govedarica	J. Miro, Karlov	vić Đ. Igor	, Kašiković D. Nemanja, I	Novaković M. Dragolj	jub			
Course	status:		Mandatory								
Number	of active teac	hing classe	s (weekly)								
L	ectures:	Practical	classes:	Other teachi	ng types:	Study rese	arch work:	Other cla	isses:		
	2	0)	2		C)	2			
Precond	lition courses	-		None							
1. Educ	ational goal:			-							
Acquirin	ig of new theor	retical and	practical kno	wledge from ir	nformation	technology and their imp	plementation in graph	iic arts produc	tion.		
2. Educ	ational outcom	nes (acquire	ed knowledge	e):							
Student	s will learn to ι	use modern	n graphic app	lications and a	acquire kn	owledge about basic Inte	rnet services and cor	mputer netwo	rks.		
3. Cours	se content/stru	icture:									
Concep graphic computa network	t of graphic s s, Application ational system s, Internet ser	oftware to softwares n, Operation rvices and	ols, Softwar , Informatior n systems ar application t	e applications n, data, data nd their usage echniques, Co	s for text processin e, Introduc oncept of	processing, Software a g and representation, A ttion into computer netwo program system and con	oplications for drawi Igorithm, Basic infra orks and the techniq nputer application	ing, Vector a astructure and ues of using	nd raster d logic of computer		
4. Teac	hing methods:										
The tea classes of the m these ki	ching is condu . In the lecture naterial. The construction nowledge is ap	ucted with o s theoretica omputer cla oplied on la	contemporary al part of the asses are org boratory equ	y educational teaching mate ganized to ado uipment. Besio	methods a erial is cor d to studer de lectures	and techniques, with inter nplemented with example nt computer abilities in gr s and laboratory classes	ractive teaching in co es and simulations fo raphic technology an consultations are hel	omputer and long or easier unde d in laborator ld regularly.	aboratory rstanding y classes		
				Knowledge e	evaluation	(maximum 100 points)					
	Pre-examina	ation obligat	tions	Mandatory	Points	Final e	xam	Mandatory	Points		
Comput	er excersise d	efence		Yes	20.00	Written part of the exam	 tasks and theory 	Yes	40.00		
Comput	er exercise att	tendance		Yes	5.00	Oral part of the exam		Yes	30.00		
Lecture	attendance			Yes	5.00						
					Liter	ature	1				
Ord.	A	uthor	1 1		Litle		Publishe	er Deegrad	Year		
1,	Luković I. Ste	efanović D.	Rakić Osno	ve računarski	h tehnoloo	ija i programiranie.		Gradevinska knjiga, Beograd			
2,	M, Stefanovio	ćN	prirud	čnik za vežbe		,, , , , , , , , , , , , , , , , , , ,	Symbol, Novi Sad		2002		
3,	Obradović D.	•	Osno	ovi računarstva	1		Stylos - FTN Novi S	Sad	1996		



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Study Programme Accreditation

UNDERGRADUATE ACADEMIC STUDIES

Graphic Engineering and Design

Course	:										
Course	id:	F112		Art and Culture							
Number	r of ECTS:	6									
Teache	r:		Jureša P. G	Goran							
Course	status:		Mandatory								
Number	r of active teac	hing classe	es (weekly)								
L	ectures:	Practical	classes:	Other teachi	ng types:	Study rese	arch work:	Other cla	asses:		
	2	()	2		C		2			
Precon	dition courses	-		None							
1. Educ	ational goal:			-							
Acquirin knowled in which	ng knowledge dge, learned th n it arises.	e about art nrough the	and its ach artistic proce	nievements thi ess, had the co	rough his mplete life	torical periods in chrono e of man. Implementation	blogical order. Impa ideas into art, and s	ct that certai haring art and	n human d the time		
2. Educ	ational outcom	nes (acquir	ed knowledg	e):							
Subject Student Through stand in	Subject trains students what is art with the help of periods and styles that make up this term. Student learns about constant variability goals of art over time and the importance of the legacy of certain periods of art in our time. Through architecture, sculpture and painting student acquires knowledge about the scope of the artistic process.Student learn how things stand in the art of one another and are encouraged to understand the artist's own judgment of intent.										
3. Cour	se content/stru	icture:									
1.Prehi 10.Baro 13.Rea Postmo	storic art 2.Eg oque 11.Neoc lism 14.Impre odernism	gypt 3.Mes lassicism essionism	opotamia 4 12.Romanti 15.postimpre	Ancient Gree c essionism 16.9	ce 5.Ron Secessior	nan Empire 6. Byzantine 117.Dadaism, Russian (7.Romanesque 8.0 Constructivism, Bauł	Gothic 9.Ren naus 18. Mo	aissance dernism /		
4. Teac	hing methods:										
Lecture	s and exercise	s									
				Knowledge e	evaluation	(maximum 100 points)					
	Pre-examina	ation obliga	tions	Mandatory	Points	Final e	xam	Mandatory	Points		
Comput	ter exercise at	tendance		Yes	5.00	Written part of the exam	 tasks and theory 	Yes	20.00		
Graphic	paper			Yes	20.00	Oral part of the exam		Yes	30.00		
Graphic	: paper			Yes	20.00						
Lecture	attendance			Yes	5.00	- 4					
					Liter	ature					
	A E Ll Comh-ib	utnor			I Itle	niona intoriic	Publishe	er	rear		
2	E.⊓.G0000000	vić	Saga	a u umemosti-t	veka	njena IStonja	Prosveta		1003		
2,	H W Janson		Istor	iia umetnosti	. vena		Jugoslavija		1966		
σ,			10101	.ja amoriood			- agooia a ija				



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Study Programme Accreditation

UNDERGRADUATE ACADEMIC STUDIES

Graphic Engineering and Design

Course:												
Course	id:	EJ01Z			Englis	sh Language - E	lementary					
Number	of ECTS:	2										
Teacher	'S:		Bogdanović Z F. Jelisaveta	Bogdanović Ž. Vesna, Gak M. Dragana, Katić M. Marina, Ličen S. Branislava, Mirović Đ. Ivana, Šafra F. Jelisaveta								
Course	Course status: Elective											
Number	Number of active teaching classes (weekly)											
Le	ectures:	Practical	classes:	Other teachi	ng types:	Study resea	arch work:	Other cla	isses:			
	2	()	0		0		0				
Precond	lition courses			None								
1. Educa	ational goal:			-								
Masterir masterir	Mastering the basics of the English language: pronunciation of English sounds, acquisition of vocabulary related to everyday situations, mastering the basics of English morphology and syntax.											
2. Educa	ational outcom	es (acquire	ed knowledge)):								
Student	s are able to u	se spoken	and written Er	nglish in simp	ole, everyc	lay situations.						
3. Cours	se content/stru	cture:										
The use of articles, nouns (nouns in Plural), adjectives (types of adjectives, possessive adjectives, comparison of adjectives), pronouns (personal pronouns), auxiliary verbs (be, do, have), modal verbs. The use and construction of tenses (Present Simple, Present Continuous, Present Perfect, Past Simple, future forms). Question and negative form of the sentence. Vocabulary related to everyday topics: introduction, family, free time, work, food and beverages, naming and description of everyday objects, description of people and places etc.												
4. Teach	ning methods:											
Commu emphas develop	nicative metho is is placed oment of all l	od is used, on comm anguage s	since the objeunication bet skills.	ectives and co ween studer	ontents of hts and to	the course are aimed at eachers and students a	communication which mong themselves,	n is very com as well as t	plex. The balanced			
				Knowledge e	evaluation	(maximum 100 points)						
	Pre-examina	tion obliga	tions	Mandatory	Points	Final ex	kam	Mandatory	Points			
Test				Yes	10.00	Written part of the exam	- tasks and theory	Yes	70.00			
Test				Yes	10.00							
Test				Yes	10.00							
					Liter	ature						
Ord.	A	uthor			Title	9	Publishe	er	Year			
1,	John and Liz	Soars	New H	leadway Eler	nentary		Oxford University P	ress	2002			
2,	Grupa autora	I	Oxford	d English - Se	erbian Dict	lionary	Oxford University P	ress	2006			
3,	N. Coe, M. H Peterson	arrison, K.	Oxford	d Practice Gra	ammar - B	asic	Oxford University P	ress	2006			



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Study Programme Accreditation

UNDERGRADUATE ACADEMIC STUDIES

Graphic Engineering and Design

Course:										
Course id:	NJ01Z		(Germa	an Language – I	Elementary				
Number of ECTS:	2									
Teachers:	I	Berić B. Andr	ijana, Jović E). Miomira	l					
Course status:		Elective								
Number of active tead	Number of active teaching classes (weekly)									
Lectures:	Practical of	classes:	asses: Other teaching types: Study research work: Other classes:							
2	0		0		0		0	0		
Precondition courses	-		None		•					
1. Educational goal:										
Mastering the fundar everyday situations,	mentals of t and master	he German I ing fundame	anguage. Le ntals of Geri	arning pr man morp	onunciation, spelling, m bhology.	astering the vocabu	lary related	to simple		
2. Educational outcon	nes (acquire	d knowledge)	:							
Students are able to u	use both oral	and written (German langı	uage in sir	nple everyday situations.					
3. Course content/stru	ucture:									
Practical part: mastering fundamental speech patterns, pronunciation and spelling, developing the ability to understand listening. Vocabulary is related to everyday topics: introduction, family, leisure time, job, food and drink, naming and describing everyday items, describing people and places, moving in a city, introducing German culture, etc. Theoretical part: present, perfect, separable verbs, reflexive verbs, cases, indefinite and definite article, negation, questions, statements, possessive pronouns, demonstrative pronouns, indefinite pronouns, modal verbs, imperative, comparison, prepositions, sentences with the linking words denn, deshalb, sonst and trotzdem										
4. Teaching methods:										
Emphasis is on the o important thing is mu	communicati itual interac	ion method, a tion.	as well as or	n students	s` activity during the lect	ures. During the co	mmunication	the most		
			Knowledge e	valuation	(maximum 100 points)					
Pre-examina	ation obligati	ons	Mandatory	Points	Final ex	kam	Mandatory	Points		
Test			Yes	10.00	Written part of the exam	 tasks and theory 	Yes	35.00		
Test			Yes	10.00	Oral part of the exam		Yes	35.00		
1651			Yes	10.00						
	ا م الد			Litera	ature	Dublish		Veer		
		Title Publisher				1 ear				
	aise, i ulugi	mem						2000		



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Study Programme Accreditation

UNDERGRADUATE ACADEMIC STUDIES

Graphic Engineering and Design

Course:										
Course	id:	F106					Graphic Mater	ials		
Number	of ECTS:	8								
Teache	r:		Prica Đ.	Miljan	na					
Course	Course status: Mandatory									
Number of active teaching classes (weekly)										
L	ectures:	Practical	classes:	(Other teachi	ng types:	Study rese	arch work:	Other cla	asses:
	4	C)		4		0		0	
Precond	Precondition courses None									
1. Educ	ational goal:									
Training	Training students to think abstractly and acquire basic and practical knowledge in the field.									
2. Educ	ational outcom	ies (acquire	ed knowle	edge):						
Acquire	d knowledge is	s used in th	e profess	ion, ir	n the individ	ual work, a	and in further education.			
3. Cours	se content/stru	cture:								
Materia Product cardboa and col importa resistar determi classific applicat enginee chemic applica investig	Materials in graphic environment – classification, basic terms, crystal and micro structure, physical and chemical properties. Paper. Production of paper, cardboard, paperboard: obtaining raw materials, preparing paper mass, producing paper, classifying paper and cardboard, researching methods. Supplementary materials for the production of paper, cardboard and paperboard – fillings, sizing agents, and colorants. Paper improvements – impregnation, coating and varnishing. Dyeing paper, cardboard and paperboard. The most important properties of paper, cardboard, paperboard and research. Surface properties – smoothness, dust, hardness (plucking resistance). Optical properties of paper – whiteness, transparency, opacity, shininess and colour. Chemical properties – pH and determining the filling content. Printing inks: types, content, role of components and printing properties. Relation colour – substrate and classification of printing inks according to purpose. Production and investigation methods of general properties significant for the application in the printing industry. Glues in printing industry and methods of investigating their properties. Polymeric materials in graphic engineering: application, modelling and researching the basic properties. Rackaging materials. Textile: characteristics, physical and chemical properties, dyeing. Bookbinder's board. Leather as a graphic material – leather covering. Ceramics as a graphic material: application, modelling, dyeing and investigating the basic properties. Rubber as a graphic material: application, modelling and									
4 Teac	hing methods:									
Teachin and sup applied	ig is held intera plemented by on the availab	actively as characteri le laborato	lectures a stic exam	and la ples f nent.	boratory pra for better un Apart from I	ictice. Dur derstandii ectures ai	ing lectures, the theoretic ng. During laboratory pra nd practice, consultations	cal part of the teachin ctice, the obtained kis are held regularly.	ig content is p nowledge is p	presented practically
				ŀ	Knowledge e	evaluation	(maximum 100 points)			
	Pre-examina	ition obligat	tions		Mandatory	Points	Final e	kam	Mandatory	Points
Laborat	ory exercise at	ttendance			Yes	5.00	Written part of the exam	 tasks and theory 	Yes	30.00
Laborat	ory exercise d	efence			Yes	20.00				
Lecture	attendance				Yes	5.00				
Term pa	aper				Yes	20.00				
Test					Yes	10.00				
1000					Tes	Liter	ature			
Ord	Δ	uthor				Title		Publishe	or l	Year
4	Corió K			rofiăl	i motorijali -		pripromi zo čtomovi	FTN Grafičko inžen	ijerstvo i	2014
1,	Genc, K						onpremi za stampu)	dizajn		2011
2,	ruppnan, H.			anubo	JUK UT Print I	vieula		Naravoslovnotehnis	ška	2001
3,	Novak, G.		G	rafični	i materiali			fakulteta, Oddelek : tekstilstvo, Ljubljan	za a	2004
4,	Novaković, D) <u>. </u>	U	vod u	grafičke teh	inologije		dizajn	njerstvo i	2006
5,	Gerić, K., Pri Milošević, R.	са, М.,	G št	rafički ampu	i materijali, I)	Praktikum	za vežbe (u pripremi za	FTN		2012
6,	Krgović, M. F	Perviz, O.	G	rafički	i materijali			i ennolosko-metalu Beograd	rski takultet,	2005
7,	Krgović, M., (Konstatinović Uskoković, P	5sap, D., 5, V., Perviz	z, O., Is	pitiva	nje grafičkih	materijala	a	Tehnološko-metalu Beograd	rški fakultet,	2006



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



Study Programme Accreditation

UNDERGRADUATE ACADEMIC STUDIES

Graphic Engineering and Design

Course:										
Course	id:	F102				Physics				
Number	of ECTS:	6								
Teache			Vučinić-Va	asić T. Milica						
Course	status:		Mandatory	1						
Number	of active teac	hing classe	es (weekly)							
L	ectures:	Practical	classes:	Other teachi	ng types:	Study resea	arch work:	Other cla	isses:	
	3	()	3		0		0		
Precond	lition courses			None		·				
1. Educ	ational goal:									
To enab	le students for	r abstract t	hinking and	acquiring basic	knowledg	ge in the field of Physics.				
2. Educ	ational outcom	nes (acquir	ed knowled	ge):						
Acquire	d knowledge ir	n fundamei	ntals of Phy	sics is necessa	ry for the p	profession.				
3. Course content/structure:										
Basics i theory of magnet acoustio Real op Polariza Planck	Basics in electrostatics. Electrical field and potentials. Conductors and dielectrics in the electric field. Electric currents. Contemporary theory on electric conductivity. Half conductors. Electromagnetism. Magnetic field of power. Electromagnetic induction. Energy of the magnetic field. Alternating currents. Magnetic field in materials. Diamagnetism, paramagnetism, ferromagnetism. Wave motion and acoustics. Sound. Doppler effect. Strength and the level of strength of sound. Sound absorption. Ultrasound. Optics. Geometric optics. Real optic systems. Regular reflection. Reflection and refraction on plane and spherical surfaces. Optical instruments. Wave optics. Polarization. Colours. Spectro-photogrammetry. Colour diagrams. Doppler effect with light. Light dualism. Heat radiation. Black body and Planck's law. Photometry. Photo-effect.									
4. Teac	ning methods:									
Present	ation of the co	urse conte	nt with the a	application of co	ontempora	ry didactic means. Labora	atory practice. Consu	Itations.		
				Knowledge e	evaluation	(maximum 100 points)				
	Pre-examina	tion obliga	tions	Mandatory	Points	Final ex	kam	Mandatory	Points	
Laborat	ory exercise at	ttendance		Yes	5.00	Written part of the exam	 tasks and theory 	Yes	30.00	
Laborat	ory exercise d	efence		Yes	20.00	Coloquium exam		Yes	20.00	
Lecture	ecture attendance Yes 5.00 Coloquium exam Yes 20.00									
					Liter	ature		1		
Ord.	A Dudimalii Dat	uthor	Title Publisher			er	Year			
1,	Vučinić-Vasio	ć M, Ilić D	Praktikum laboratorijskih vežbi i? fizike Fakultet tehničkih r		auka	2003				
2,	Petrović A.	· · · ×· ··· -	Fizika, osnovi primenjene fizike Fakultet Tehničkih Nauka			n Sadu Nauka	2007			
3,	Vučinić-Vasić Škrbić T.,Đur	c M. Cirič E ić M.)., Zbi	rka zadataka iz	fizike		Univerzitet u Novon Fakultet Tehničkih I	n Sadu Nauka	2005	



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UNIVERSITY OF NOVI SAD

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



Study Programme Accreditation

UNDERGRADUATE ACADEMIC STUDIES

Graphic Engineering and Design

Course:										
Course	id: F	108				Sociology of Cu	liture			
Number	of ECTS: 4									
Teache	rs:		Ivanišević	V. Andrea, Rad	ivojević D	. Radoš				
Course	status:		Mandatory	ý						
Number	of active teach	ing classe	s (weekly)	-						
1	ectures:	Practical	classes.	Other teachi	na types:	Study resea	arch work:	Other cla	asses.	
	2	2	,	0	g (jpool	0		0		
Precond	dition courses		·	None						
1. Educ	ational goal:									
The abi order to	lity of Graphic E efficiently deal	Engineers I with grap	to unders	tand social sign	ificance, t	he role, function and cha	aracteristics of culture	e in modern	society in	
2. Educ	ational outcome	es (acquire	ed knowled	ge):						
Acquirir commu importa	ng knowledge of nication forms. A nce and role of	n the chai Acquiring graphic de	racteristics knowledge esign in mo	, significance ar on the characte odern world aest	nd social f eristics of i heticism.	unctions of culture. Acqui modern and postmodern o	iring knowledge on th culture and art. Acqui	ne communic iring knowled	ation and ge on the	
3. Cours	se content/struc	ture:								
Notion a morality culture rumour mass m mass cu art and differen charact creation	Notion and elements of culture: notion of culture; culture and society; culture and civilization; values, needs and normative; culture and norality; culture and religion; material and spiritual culture; subculture and counterculture; culture and science; culture and ideology; ulture and identity. Culture and communication: notion of communication; forms of communication: verbal, non-verbal, interpersonal, umour and mass communication; speech patterns; managing the impression on oneself; graphic communication. Media and society: nass media; theories on media; media imperialism and cultural hegemony; media influence on society. Society and culture: mass society; nass culture; culture industry; globalization and culture; cultural pluralism; interculturality. Sociology of art: notion of art; market and value; rt and kitsch; art (culture) and violence. Culture as a mode of life – fashion, image, idolatry. Modern and postmodern culture: ifferentiation, rationalisation and commoditisation of modern culture; hipercommoditisation, hiperrationalisation and hiperdifferentiation as haracteristics of postmodern culture. Graphic design and modern society: design ideology; aesthetics of goods production; design as reation and management of aesthetic feelings: aesthetics in modern society.									
4. Teac	hing methods:									
Teachir elabora	ng is held in the	e form of	lectures a	and with studen minar papers du	it`s partic uring the	ipations in discussions of practice and student's di	on the presented presented presented presented by the second second second second second second second second s	oblems, as v minar paper	well as in s`issues	
			enang ee	Knowledge	evaluation	(maximum 100 points)				
	Pre-evaminati	ion obligat	tions	Mandatory	Pointe	(maximum 100 points) Final ex	(am	Mandatory	Points	
Exercise	e attendance	ion obliga	10115	Voo	5 00	Writton part of the exam	tacks and theory	Voc	40.00	
Lecture	attendance			Yes	5.00	Oral part of the exam	- lasks and theory	Ves	30.00	
Term pa	aner			Ves	20.00			163	50.00	
· em pe	~ + • ·			163	Litor	aturo				
Ord	۸	thor			Title		Dublich		Veer	
	Au Doglas Kalsas		N/-	dijaka kultura	inde	;	Publishe	51	1 eai	
1, 0	Dagias Keiner	ić	IVIE	ujska kultura			Prometoi		2000	
∠, ⊃	Miroljub Radoj	iković, M.	Fur		diji i dručti	10	Stylos		2002	
3, Maletić Komuniciranje, mediji i društvo Stylos 200							2005			
4, Dejvid Niek (Viii) Televizija Clio 20 5 Edgar Moren Dub vremena XX vek 10							2000			
Э, 6							Record		1076	
6, Rut Benedikt Obrasci kulture 7 Maiki Haralambos Ulvod u sociologiju					Colden markating		2002			
<i>1</i> ,	Jacobs Mark a	and Nancy	Uvod u sociologiju						2002	
ŏ,	Weiss Hanrah	an	The Blackwell Companion to the Sociology of Cultur					y	2000	
9,	David Holmes		Coi	Communication Theory			Sage Publications		2005	
10,	Marshall McLu	inan	Raz	zumijevanje meo	dija		knjiga		2008	
11,	Lyn Spillman		Cul	Itural Sociology			Blackwell Publisher	s Inc	2002	



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



Study Programme Accreditation

UNDERGRADUATE ACADEMIC STUDIES

Graphic Engineering and Design

Course:						_				
Course	id:	F111				Visual Cultur	re			
Number	of ECTS:	6								
Teache	1		Jureša P.	Goran						
Course	status:		Mandatory	у						
Number	of active teac	hing classe	es (weekly)							
L	ectures:	Practical	classes:	Other teachi	ng types:	Study rese	arch work:	Other cla	asses:	
	2	()	2		0		0		
Precond	lition courses		-	None		•	-			
1. Educ	ational goal:									
Introduc knowled	ing students to lge and experi	o basic ele ence from	ments of gr the wide ra	raphic tradition a ange of topics in	and art an graphic d	d graphic theory in order esign.	to make students ca	pable of acqu	iiring new	
2. Educ	ational outcom	es (acquire	ed knowled	lge):						
Acquire	d knowledge is	s used in fu	irther educa	ation for the grou	up of cours	ses related to graphic des	sign.			
3. Cours	se content/stru	cture:								
The not gender, underst scenery of vertic new asp	The notion of visual culture, ideas on form comprehension, shape of amorphous form, emancipated forms, archetype forms by the shaped gender, four basic paleo-communication forms, symbolic archetype forms – circle, square, cross, centroid; colour in visual culture, understanding space in visual culture, visual space identification, notion of illusion in two-dimensional presentation, composition, space scenery, contemporary understanding of form, notion of face in visual culture, logics in de-objectifying the exterior and interior, symbolism of vertical, horizontal and diagonal; golden cross-section as space determinant, spiral, order, range, balance, symmetry and asymmetry, new aspects of illusion – technical and monitor image.									
4. Teac	ning methods:									
Lecture	s, Computer (C	C) Practice,	, Consultati	ions.						
				Knowledge e	evaluation	(maximum 100 points)			1	
	Pre-examina	ition obliga	tions	Mandatory	Points	Final e	xam	Mandatory	Points	
Comput	er exercise att	endance		Yes	5.00	Written part of the exam	 tasks and theory 	Yes	20.00	
Graphic	paper			Yes	20.00	Oral part of the exam		Yes	30.00	
Graphic	paper			Yes	20.00					
Lecture	allendance			Yes	5.00	aturo				
Ord	Δ	uthor			Titlo		Publich	or	Voar	
0iu. 1	Per Mollerup		Ma	rks of Excellence	e The		Phaidon		2004	
2.	Phil Baines		Penguin by design Penguin						2005	
3,	Slobodan Ne Miodrag Ned	deljković, eljković	Gra	afičko oblikovanj	e i pismo		Zavod za udžbenik sredstva, Beograd	e i nastavna	1988	
4,	4, Kosta Bogdanović Poetika vizuelnog					Zavod za udžbenik sredstva, Beograd	e i nastavna	2005		
5,	Leah Bendav	avid Val U fokusu				Klett Beograd 2		2004		
6,	Kosta Bogda	nović	Uvo	od u vizuelnu ku	lturu	Zavod za udžbenik sredstva, Beograd	e i nastavna	2005		



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Study Programme Accreditation

UNDERGRADUATE ACADEMIC STUDIES

Graphic Engineering and Design

Course:			_		_						
Course id:	EJ02L		English Language – Pre-Intermediate								
Number of ECTS:	2										
Teachers:		Bogdanović F. Jelisaveta	Ž. Vesna, Ga 1	k M. Drag	ana, Katić M. Marina, Liče	en S. Branislava, Mirc	ović Đ. Ivana,	Šafranj			
Course status:		Elective									
Number of active tea	ching classe	s (weekly)									
Lectures:	Practical	classes:	Other teachi	ng types:	Study resea	arch work:	Other cla	sses:			
2	0		0		0		0				
Precondition courses						·					
1. Educational goal:											
Broadening the knowledge of the English language: broadening the vocabulary related to everyday situations, adoption of basic prefixes and suffixes, compound words and collocations, broadening the use of tenses, adoption of complex sentence structures.											
2. Educational outcomes (acquired knowledge):											
Students are able to use spoken and written English in everyday situations using wider word fund and more complex sentence structures.											
3. Course content/str	ucture:										
Word formation (pre Continuous, Presen irregular verbs. First	efixes, suffi t Perfect Sin t and Secor	xes, compound mple and Co and Condition	und words), s ontinuous, Pa al.	some phra	asal verbs, collocations. t, Past Continuous, futur	Broadening the us re forms). Adoption	e of tenses of a larger n	(Present umber of			
4. Teaching methods	:										
Communicative meth method contributes to their interaction with	nod is used, o balanced the teacher	since object development and among f	ives and cont of all languag themselves.	tents of th ge skills. 1	e course are aimed at co The emphasis is placed o	ommunication, which n the student activition	is very comp es during lect	olex. This tures and			
			Knowledge	evaluation	(maximum 100 points)						
Pre-examin	ation obligat	ions	Mandatory	Points	Final ex	am	Mandatory	Points			
Test			Yes	10.00	Written part of the exam	 tasks and theory 	Yes	70.00			
Test			Yes	10.00							
Test			Yes	10.00							
				Liter	ature						
Ord.	Ord. Author			Title)	Publishe	er	Year			
1, John and L	z Soars	New	Headway Pre-	-Intermedi	ate	Oxford University Press, Oxford		2002			
2, John Eastwo	bod	Oxfor	d English Gra	immar Inte	ermediate	Oxford University P	ress, Oxford	2006			
3, Grupa autor	a	Oxfor	a English -Se	rbian Dicti	onary	Oxford University P	ress	2006			



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Study Programme Accreditation

UNDERGRADUATE ACADEMIC STUDIES

Graphic Engineering and Design

Course id: F107										
Course	id:	F107			-	Technical Mech	anics			
Number	of ECTS:	6								
Teache	rs:		Glavardano	v B. Valentin,	Kovačić N	. Ivana				
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	2	0		0		0		
Precond	dition courses									
1. Educ	ational goal:									
As one filed of	of the fundame mechanics of r	ental engin igid and de	eering cours eformable bo	se, it has the a odies.	im of deve	eloping abstract thinking, a	as well as acquiring b	oasic knowled	dge in the	
2. Educ	ational outcom	es (acquire	ed knowledg	e):						
Acquire	d knowledge is	s used in fu	irther educat	ion and in the	professior	nal courses.				
3. Cours	se content/stru	cture:								
Mechar action. parallel – balan Centroid Axially I rods wit the elas classific Comple on the r materia mechar 4. Teac Teachir present Compu results, four mo	. Course content/structure: lechanical motions and immovability. Space and time. Force as a measure of mechanical action. Couple as a measure of mechanical ction. Couples. Static axioms. Dividing force onto two components. Force reflection. Summing two intersecting forces. Summing two arallel forces. Theorem on three unparallel forces. Facing system force-balance. Summing couples. Plane system of forces and couples balance. Varignon's Theorem. Balance of the plane system of rigid bodies. Sliding friction. Centre of the joint system of parallel forces. centroid. Force intersection. Hypotheses on mechanics of materials. Cauchy-Euler Axiom. Stress vector. Normal and tangential stresses. xially loaded rods. Statically undetermined tasks with axially loaded rods. Shearing. Geometric properties of flat surfaces. Bending with ods with circular and circular-ring cross sections. Statically undetermined tasks in bending. Beam bending. Linear differential equation of ne elastic line. Dot kinematics. Speed and acceleration in Cartesian and natural coordinate system. Dot motion on the circle. Dot motion lassification. Projectile motion. Translatory motion of a rigid body. Rigid body spinning around fixed axes. Plane motion of a rigid body. Complex dot motion. Determination principle. Newton's law on dynamics. Force structure. Two tasks of dynamics. Differential equations in the material point motion in Cartesian and natural coordinate system. Free dot oscillations. Forced dot oscillations. Kinetic energy of a naterial dot. Force actions. Potential energy. Theorem on the alteration of kinetic energy of a material dot. Law on maintaining the total nechanic energy. . Teaching methods resented. Computing practice supplement lectures by completing tasks and deepening the practical knowledge from certain areas. Computer practice is held in order to visualize learnt concepts in mechanics and its models, compare simulation data to theoretical									
				Knowledge	evaluation	(maximum 100 points)				
	Pre-examina	tion obliga	tions	Mandatory	Points	Final ex	am	Mandatory	Points	
Exercise	e attendance			Yes	5.00	Written part of the exam	- tasks and theory	Yes	40.00	
Lecture	attendance			Yes	5.00	Oral part of the exam		Yes	30.00	
Test				Yes	10.00	-				
Test				Yes	10.00					
Ord				Title		Dublicha		Veer		
	Ord. Author D. Đukić, T. Atanacković,			nde	;	Fakultet tehničkih n	auka, Novi			
1, L.Cvetićanin Mehar			Ctotilize		Sad FTN, Novi Sad. Edi	cija	2003			
2,	2, I. Kovačić, Z. Rakarić Zbirka		ka zauataka Iz		7100	Tehničke nauke-Udžbenici		2006		
<u>3,</u> ⊿	J. L. Meriam	, L.G. Kraig	Ige Engineering Mechanics STATICS John Willey&Sons			2003				
 ,	u. ∟. וווכוומווו,					/ 10100			2000	



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Study Programme Accreditation

UNDERGRADUATE ACADEMIC STUDIES

Graphic Engineering and Design

Table 5.2 Course specification

Course:										
Course id:	NJ02L		Ge	rman I	Language – Pre	e-Intermediate	е			
Number of ECTS:	2									
Teachers:		Berić B. An	drijana, Jović E). Miomira	l					
Course status:		Elective								
Number of active tea	ching classe	s (weekly)								
Lectures:	Practical	classes:	Other teaching	ng types:	Study resea	arch work:	Other cla	isses:		
2	0		0		0		0			
Precondition courses	5				·					
1. Educational goal:										
Further developing tenses, adoption of German language,	the German more comple expansion a	language e ex sentence nd developi	ssentials, expa e structures, in ng language c	ansion of troduction ommunic	vocabulary related to va n to culture, customs an ation competence.	rious situations, exte d ways of thinking o	ension in the f people spea	usage of aking the		
2. Educational outcomes (acquired knowledge):										
Students are capabl more complex gram	e of using bo mar structure	th oral and ss.	written languag	ge in a nu	mber of everyday situatio	ons by using the exp	anding vocab	ulary and		
3. Course content/st	ructure:									
Practical part of the Theoretical part of the question pronouns, damit, verb rection,	course: com le course: im relative pror verb use of	prehending perfect, par louns with r comparative	complex every t of passive str elative clause e and superlat	/day spok uctures, c s, asking ive, certa	en situations, developing ertain infinitive structures questions in indirect spe in time sentences.	g the ability to under s, subject and object eech, final sentences	stand the liste clauses, conj s with the link	ened text. unctive 2, king word		
4. Teaching methods	s:									
Emphasis is on com	munication, i	mplying stuc	dents` activity d	luring the	classes. During the comm	nunication, mutual int	teraction is es	sential.		
			Knowledge e	valuation	(maximum 100 points)					
Pre-examir	ation obligat	ions	Mandatory	Points	Final ex	kam	Mandatory	Points		
Test	Test Yes 10.00 Written part of the exam - tasks and theory Yes 35.00									
Test			Yes	10.00	Oral part of the exam		Yes	35.00		
Test			Yes	10.00						
	• 11			Liter	ature	B LEL V				
Urd.	Author	litle Publisher				Year				
1, Müller, H. M	lüller	`, ^{3.} Ther	men aktuell 2			Hueber Verlag		2004		



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Study Programme Accreditation

UNDERGRADUATE ACADEMIC STUDIES

Graphic Engineering and Design

Course:										
Course	id:	F109			Marke	ting and Entrep	reneurship			
Number	of ECTS:	6								
Teache	r:		Nikolić T.	Slavka						
Course	status:		Elective							
Number	of active teac	hing classes	s (weekly)							
L	ectures:	Practical of	classes:	Other teachi	ng types:	Study resea	arch work:	Other cla	asses:	
	2	2		0		0		0		
Precond	lition courses	-		None						
1. Educ	ational goal:									
Acquirir accept conditic	ng basic knowl changes, iden ns.	edge on pai tify their im	radigms, r portance,	nethods, technic and, primarily,	lues and s developin	strategies of marketing ar g abilities to create flexit	nd entrepreneurship ble modes of reaction	. Developing a on to variable	abilities to business	
2. Educ	ational outcom	nes (acquire	d knowled	ge):						
To mak comple: busines	To make an engineers with a "sense" for markets, and with the ability to analyse contemporary business environment with all its complexity, as well as the ability to apply basic entrepreneurship knowledge – how to identify, create and use the changes of variable business environment.									
3. Cours	se content/stru	icture:								
1. Notio busines Entrepre	ns of marketir s – 7K; 4. Mar eneurial strate	ng and entre keting mix (gies – strate	epreneursl 4Pvs, 4C, egies for n	hip; 2. Dilemmas 6P, 7P); 5. PES ew products; 10	s and con T and SV . Marketin	troversies in entrepreneu /OT analysis; 6. BCG ma g strategies; 11. Integrat	rial business; 2. Ph trix; 7. Product life o ed marketing comm	ases in entrep cycle; 8. Comp unications.	oreneurial petition; 9.	
4. Teac	hing methods:									
Teachir supplen	ig is held as le nented by cha	ectures and racteristic s	auditorial tudy case	practise. At lect s. At auditory pr	ures, theo actice, the	pretical bases and marke eoretical postulated are e	ting principles are p alaborated using stu	resented. Leo dy cases.	tures are	
				Knowledge e	valuation	(maximum 100 points)				
	Pre-examina	ation obligati	ons	Mandatory	Points	Final ex	kam	Mandatory	Points	
Exercise	e attendance			Yes	5.00	Coloquium exam		No	20.00	
Lecture	attendance			Yes	5.00	Coloquium exam		No	20.00	
Term pa	aper			Yes	20.00	Oral part of the exam		Yes	30.00	
						Practical part of the exan	n - tasks	Yes	40.00	
					Liter	ature				
Ord. Author Title				Publish	er	Year				
1,	Stevan Vasilj	ev	Marketing principi			Prometej		2005		
2,	Mike P. McK	eever	How To Write A Business Plan			in	NOLO		2005	
3,	Philip Kotler,	Gary Armst	rong Principles of Marketing Pearson Educ			Pearson Education	1	2006		
4,	Maričić, Mirja	ana Gligorije	vić OS	NOVI MARKET	INGA		Ekonomski fakulte	t u Beogradu	2004	



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Study Programme Accreditation

UNDERGRADUATE ACADEMIC STUDIES

Graphic Engineering and Design

Course:										
Course	id:	F201		Int	roduc	tion to Graphic	Technologies	5		
Number	of ECTS:	6								
Teache	rs:		Novaković N	/I. Dragoljub, ł	Kašiković I	D. Nemanja				
Course	status:		Mandatory							
Number	of active tead	ching classe	es (weekly)							
L	ectures:	Practical	classes:	Other teachi	ng types:	Study resea	arch work:	Other cla	isses:	
	2	0)	3		0		1		
Precond	lition courses			None						
1. Educ	ational goal:									
To enat	le students to	be include	d into profess	sional courses	and acqu	iring basic knowledge in t	he area of graphic e	ngineering an	d design.	
2. Educ	ational outcon	nes (acquire	ed knowledge	e):						
Acquire	d knowledge i	s used in fu	irther educati	on and in the	developm	ent of knowledge in profe	ssional courses.			
3. Course content/structure:										
Graphic Phases hand-m Materia principle	Graphic technologies, basic notions, classifications. Historical development. Development of writing, writing substrates and writing means. Phases in graphic production, mechanization and automation of graphic processes. Prepress graphic production. Manufacture of setting, hand-made and machine setting. Photo and computer setting. Text and image preparation and processing. Basic graphic production. Materials in graphic industry. Reproduction fundamentals. Quality control. Ergonomics. Environmental protection. Basic mechanical principal of printing. Depting for protection.									
4. Teac	ning methods:	:		`						
Teachir laborato underst laborato practice	ng is performed bry practice. A anding of the bry practice is a consultation	ed by using At lectures content m for practica is are held	g the contem , theoretical latter. Comp al application regularly.	porary didact content is pre- uter practice of the acquire	tic means esented a is organiz ed knowle	and methods, interactive nd accompanied by exact and as complementary to dge on the available labor	rely in the form of le imples and solution o the skills of graph pratory equipment. A	ectures, comp simulations hic technologi Apart from lect	outer and for better es, while tures and	
				Knowledge	evaluation	(maximum 100 points)		-		
	Pre-examina	ation obliga	tions	Mandatory	Points	Final e	kam	Mandatory	Points	
Comput	er excersise o	lefence		Yes	20.00	Written part of the exam	 tasks and theory 	Yes	40.00	
Comput	er exercise at	tendance		Yes	5.00	Oral part of the exam		Yes	30.00	
Lecture	allenuarice			Yes	Jitor	aturo				
Ord	/	Nuthor			Title		Publich	or	Voar	
1	Ord. Author 1 Novaković D. Uvo		Uvod	u grafičke teh	nologije		FTN. Grafičko inže	nierstvo	2006	
2,	Babić D.		Uvod	Uvod u grafičku tehnologiju			Grafički centar za i projektiranje. Zagr	spoitivanje i eb	1998	
3,	Trajković, A.	, Jovanović	, S. Uvod	u grafičku teh	nologiju		Tehnološki fakultet	, Beograd	1998	
4,	Novaković, E Vladić, G	D., Dedijer,	S., Uvod	u grafičke ter	nologije -	praktikum za vežbe	FTN izdavaštvo, G inženjerstvo i dizaj	rafičko n	2010	



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



Study Programme Accreditation

UNDERGRADUATE ACADEMIC STUDIES

Graphic Engineering and Design

Course id: F203 Electrical Machines Number of ECTS: 4 Teachers: Mandatory Course status: Mandatory Number of active teaching classes (weekly) Study research work: Other classes: 2 1 1 0 0 Practical classes: None Other classes: Other classes: 2 1 1 0 0 Precondition courses None Itelestical classes: Other classes: 1. Educational goal: The aims of the course are to get basic knowledge in the field of applied electrical engineering, electromechanical energy conversions, electrical machines, power electronic converters and their application. Itelestical machines, and the way they are used in drive systems. They will have acquired the fundamentals of the principles of electromechanical conversion and will be able to understand power electronic converters used to drive electrical machines. 3. Course content/structure: Principles of electromechanical energy conversion. Parts of rotational electrical machines, super-motors, piezedelectric motors, piezedelectric drives. Examples: printing presses, printing machines. Norder electronic converters used to drive electrical machines. AC/DC converters, AC/DC c	Course:			Electrical Machines									
Number of ECTS: 4 Teachers: Marcetic P. Darko, Vasic V. Veran Course status: Mandatory Number of active teaching classes: Other teaching types: Study research work: Other classes: 2 1 1 0 0 Precondition courses None None 0 0 I. Educational goal: The aims of the course are to get basic knowledge in the field of applied electrical engineering, electronechanical energy conversions, electrical machines, power electronic converters and their application. 2 Educational outcomes (acquired knowledge): After following this course the students should have an overview over the different types of electronal conversion and will be able to understand power electronic converters operation used to drive electrical machines. 3 3. Course content/structure: Principles of electromerse. Electrical response advantages, elements of drive system, drive characteristics. Mover interporters of power electronic converters used to drive system. Shoper molors, piezoelectric motors, prezelectric motors, prezelectric motors, prezelectric motors, prezelectric motors, prezelectric motors, elements of power electronic converters used to drive system. Yes 30.00 After following this course the short properties. Precenties. Precenties. S0.00 Colonyuters Astories. Actoriconv	Course	id:	F203				Electrical Mach	lines					
Teachers: Marčetić P. Darko, Vasić V. Veran Course status: Marčetić P. Darko, Vasić V. Veran Number of active eaching classees: Other teaching types: Study research work: Other classes: 2 1 1 0 0 Precondition courses None Image: Classee: None 1. Educational goal: None Image: Classee: None 2. Educational outcomer (acquired knowledge): None Image: Classee: None 2. Educational outcomer (acquired knowledge): After following this course the students should have an overview over we over he different types of electrical machines and the way they are used in drive system. The will be able to understand power electronic converters operation used to drive electrical machines. Overview of different types of electrical machines. Overview of electrical machines. 3. Course content/structure: Principles of electronic converters operation used to drive electronic converters used to drive electrical machines. ACIDC converters. Electrical drives. Electrical we advained we advained the undamental softer system, drive system, drive electrical machines. ACIDC converters and the advaines advained we advad	Number	of ECTS:	4										
Course status: Mandatory Number of active teaching classes: (weekly) Lectures: Practical classes: Other teaching types: Study research work: Other classes: 2 1 1 0 0 Precondition courses None 1. Educational goal: The aims of the course are to get basic knowledge in the field of applie detectrical engineering, electromechanical energy conversions, electrical machines, power electronic converters and their application. 2. Educational outcomes (acquired knowledge): After following this course the students should have an overview over the different types of electrical machines and the way they are used in drive eysterns. They will have acquired the fundamentals of the principles of the electromechanical conversion and will be able to understand power electronic converters operation used to drive electrical machines. Super motors, piezoelectric motors. Power transformers. Electrical three advantage electronic structure: Principles of electronics and properties. DC machines, induction machines, synchronous machines, stepper motors, piezoelectric motors. Power transformers. Electrical threes. Advantages, elements of drive esystem, drive characteristics. Modern transh in control of electrical drives. Examples: printing presses, printing machines. Knowledge evaluation (maximum 100 points) Vers 5	Teache	rs:		Marčetić P	. Darko, Vasić V	/. Veran							
Number of active teaching classes (weekly) Under classes: Other teaching types: Study research work: Other classes: 2 1 1 0 0 Precondition courses None 1. Educational goal: The aims of the course are to get basic knowledge in the field of applied electrical engineering, electronechanical energy conversions, electrical machines, power electronic converters and their application. 2 Educational goal: 2. Educational outcomes (acquired knowledge): After following this course the students should have an overview over the different types of electrical machines and the way they are used in drive systems. They will have acquired the fundamentals of the principles of the electronechanical conversion and will be able to understand power electronic converters operation used to drive electrical machines. Overview of different types of electrical machines, basic elements and properties. DC machines, induction machines, synchronous machines, stepper motors, piezoelectric machines. KC/AC converters. Elements of power electronic converters used to drive electrical machines. AC/AC converters. Elements of power electronic converters used to drive electrical machines. AC/AC converters. Elements of power electronic converters and properties. DC machines. Final exam Mandatory Points 4. Teaching methods: Lectrues Ves 5.00 Coloquium exam Yes 20.00 Test Yes 10.00	Course	status:		Mandatory									
Lectures:Practical classes:Other teaching types:Study research work:Other classes:21100Precondition coursesNone1. Educational goal:The aims of the course are to get basic knowledge in the field of applied electrical engineering, electromechanical energy conversions, electrical machines, power electronic converters and their application.2. Educational outcomes (acquired knowledge):After following this course the students should have an overview over the different types of electrical machines and the way they are used in drive systems. They will have acquired the fundamentals of the principles of the electromechanical conversion and will be able to understand power electronic converters operation used to drive electrical machines. Overview of different types of electrical machines and properties. DC machines, induction machines, synchronous machines, stepper motors, piezoelectric motors, Power transformers. Electroal drives = determate, electronic converters ac/C/DC converters. AC/DC converters. Settletical drives = determate, electronic converters and theory.4. Teaching methods:Lectures, Exercises Laboratory work:Interview settletion obligationsHomeworkYesVes10.00Coloquium examYes10.00Laboratory exercise attendanceYes10.00Laboratory exercise attendanceYes10.00Laboratory exercise attendanceYes10.00Coloquium examYes <t< td=""><td>Number</td><td>of active teac</td><td>hing classe</td><td>s (weekly)</td><td></td><td></td><td></td><td></td><td></td><td></td></t<>	Number	of active teac	hing classe	s (weekly)									
2 1 1 0 0 Precondition courses None	L	ectures:	Practical	classes:	Other teachi	ng types:	Study rese	arch work:	Other cla	isses:			
Precondition courses None 1. Educational goal: The aims of the course are to get basic knowledge in the field of applied electrical engineering, electromechanical energy conversions, electrical machines, power electronic converters and their application. 2. Educational outcomes (acquired knowledge): After following this course the students should have an overview over the different types of electrical machines and the way they are used in drive systems. They will have acquired the fundamentals of the principles of the electromechanical conversion and will be able to understand power electronic converters operation used to drive electrical machines. 3. Course content/structure: Principles of electromechanical energy conversion. Parts of rotational electrical machines. Overview of different types of electrical machines, support ransformers. Elements of power electronics. Power electronic converters used to drive electrical machines. AC/DC converters, Stepper motors, piezoelectric power relectronic prover electronic converters used to drive electrical machines. AC/DC converters, Electrical drives – advantages, elements of drive system, drive characteristics. Modern trends in control of electrical drives. Examples: printing presses, printing machines. 4. Teaching methods: Lectures Lectures Yes 5.00 Written part of the exam - tasks and theory Yes 30.00 Laboratory exercise attendance Yes 10.00 Coloquium exam Yes 20.00 Test Yes 10.00 Coloquium exam Ye		2	1		1		0		0				
1. Educational goal: The aims of the course are to get basic knowledge in the field of applied electrical engineering, electromechanical energy conversions, electrical machines, power electronic converters and their application. 2. Educational outcomes (acquired knowledge): After following this course the students should have an overview over the different types of electromechanical conversion and will be able to understand power electronic converters operation used to drive electrical machines. and the way they are used in drive systems. They will have acquired the fundamentals of the principles of the electromechanical conversion and will be able to understand power electronic converters operation used to drive electrical machines. Overview of different types of electrical machines, basic elements and properties. DC machines, induction machines, synchronous machines, stepper motors, piezoelectric converters. AC/AC converters. Electrical drives – advantages, elements of drive system, drive characteristics. Modern trends in control of electrical drives. Examples: printing presses, printing machines. 4. Teaching methods: Ves 5.00 Lettures, Exercises, Laboratory work. Yes 5.00 Vester Yes 5.00 Coloquium exam Yes 3.00 Laboratory exercise attendance Yes 5.00 Coloquium exam Yes 3.00 Laboratory exercise attendance Yes 5.00 Coloquium exam Yes 2.000 Test Yes 10.00	Precond	lition courses			None		•	•					
The aims of the course are to get basic knowledge in the field of applied electrical engineering, electromechanical energy conversions, electrical machines, power electronic converters and their application. 2. Educational outcomes (acquired knowledge): After following this course the students should have an overview over the different types of electrical machines and the way they are used in drive systems. They will have acquired the fundamentals of the principles of the electromechanical conversion and will be able to understand power electronic converters operation used to drive electrical machines. Overview of different types of electrical machines, basic elements and properties. DC machines, induction machines, synchronous machines, stepper motors, piezoelectric motors. Power transformers. Elements of power electronic converters. AC/DC converters. AC/AC converters. Electrical drives – advantages, elements of drive system, drive characteristics. Modern trends in control of electrical drives. Examples: printing presses, printing machines. 4. Teaching methods: Lectures, Exercises, Laboratory work. Yes 5.00 Written part of the exam - tasks and theory Yes 3.00 Laboratory exercise attendance Yes 5.00 Written part of the exam - tasks and theory Yes 3.0.00 Test Yes 10.00 Coloquium exam Yes 3.0.00 Test Yes 10.00 Coloquium exam Yes 2.0.00 Test Yes 10.00 <td>1. Educ</td> <td>ational goal:</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>	1. Educ	ational goal:											
2. Educational outcomes (acquired knowledge): After following this course the students should have an overview over the different types of electrical machines and the way they are used in drive systems. They will have acquired the fundamentals of the principles of the electromechanical conversion and will be able to understand power electronic converters operation used to drive electrical machines. 3. Course content/structure: Principles of electromechanical energy conversion. Parts of rotational electrical machines. Stepper motors, piezoelectric machines, stepper motors, piezoelectric machines, stepper motors, piezoelectric onverters. AC/AC converters. Electrical drives – advantages, elements of drive system, drive characteristics. Modern trends in control of electrical rachines. Examples: printing presses, printing machines. 4. Teaching methods: Lectures, Exercises, Laboratory work. Pre-examination obligations Mandatory Points Mandatory Yes 3.00 Laboratory exercise attendance Yes 5.00 Coloquium exam Yes 20.00 Test Yes 10.00 Yes 20.00 Yes 20.00 Test versises, laboratory versise Osnovi Elektroenergetike FTN, NoviSad 2000 20.00 Test versise, Laboratory versise Yes 10.00 Yes 20.00 Yes 20.00 Yes 20.00 Yes 20	The aim electrica	ns of the cours al machines, p	se are to ge oower elect	et basic kno ronic conve	wledge in the f erters and their	ield of ap applicatio	plied electrical engineeri n.	ng, electromechanica	al energy con	versions,			
After following this course the students should have an overview over the different types of electrical machines and the way they are used in drive systems. They will have acquired the fundamentals of the principles of the electromechanical conversion and will be able to understand power electronic converters operation used to drive electrical machines. 3. Course content/structure: Principles of electromechanical energy conversion. Parts of rotational electrical machines. Overview of different types of electrical machines, basic elements and properties. DC machines, induction machines, synchronous machines, stepper motors, piezoelectric motors. Power transformers. Elements of power electronics. Power electronic converters, AC/AC converters. Sectrical drives - advantages, elements of drive system, drive characteristics. Modern trends in control of electrical methods: Lectures, Exercises, Laboratory work. Yes 5.00 Written part of the exam - tasks and theory Yes 30.00 Laboratory exercise attendance Yes 5.00 Coloquium exam Yes 20.00 Test Yes 10.00 Coloquium exam Yes 20.00 Test Yes 0s.00 Stops - FTN, NoviSad 2004 1, Elevit, V. učković, V. Osnovi elektrotennike Stylos - FTN, NoviSad 2002 4, Vladislav Teodorović <td< td=""><td>2. Educ</td><td>ational outcom</td><td>ies (acquire</td><td>ed knowledg</td><td>je):</td><td></td><td></td><td></td><td></td><td></td></td<>	2. Educ	ational outcom	ies (acquire	ed knowledg	je):								
3. Course content/structure: Principles of electromechanical energy conversion. Parts of rotational electrical machines. Overview of different types of electrical machines, basic elements and properties. DC machines, induction machines, stepper motors, piezoelectric motors. Power electronic converters used to drive electrical machines: AC/DC converters. Elements of power electronics. Power electronic converters used to drive electrical machines: AC/DC converters. Elements of power electronics. Power electronic converters used to drive electrical machines: AC/DC converters. Elements of power electronics. Power electronic converters used to drive electrical machines: AC/DC converters. Elements of prover electronic converters used to drive electrical machines: AC/DC converters. Elements of prover electronic converters used to drive electrical machines: AC/DC converters. Elements of power electronics. Power electronic converters used to drive electronics. Modern trends in control of electrical drives. Examples: printing presses, printing machines. 4. Teaching methods: Lectures, Exercises, Laboratory work. Knowledge valuation (maximum 100 points) Pre-examination obligations Mandatory Points Mandatory Points Homework Yes 5.00 Written part of the exam - tasks and theory Yes 30.00 Laboratory exercise attendance Yes 5.00 Coloquium exam Yes 20.00 Test Yes 10.00 Coloquium exam Yes 20.00 Test Yes	After fol in drive underst	lowing this cou systems. The and power ele	urse the stu ey will have ectronic co	dents shou acquired t nverters op	ld have an over the fundamenta peration used to	view over als of the o drive ele	the different types of ele principles of the electron ectrical machines.	ctrical machines and mechanical conversi	the way they on and will b	are used e able to			
Principles of electromechanical energy conversion. Parts of rotational electrical machines. Overview of different types of electrical machines, basic elements and properties. DC machines, induction machines, synchronous machines, stepper motors, piezoelectric motors. Power transformers. Elements of power electronic. Power electronic converters used to drive electrical machines. AC/DC converters, AC/AC converters. Electrical drives – advantages, elements of drive system, drive characteristics. Modern trends in control of electrical drives. Examples: printing presses, printing machines. AC/DC converters. Electrical drives – advantages, elements of drive system, drive characteristics. Modern trends in control of electrical drives. Examples: printing presses, printing machines. AC/DC converters. Electrical drives – advantages, elements of drive system, drive characteristics. Modern trends in control of electrical drives. Examples: printing presses, printing machines. AC/DC converters. Electrical drives – advantages, elements of drive system, drive characteristics. Modern trends in control of electrical drives. Examples: printing presses, printing machines. AC/DC converters. Elevers. Exercises, Laboratory work. A get the system drive characteristics. Modern trends in control of electrical drives. Examples: printing presses, printing machines. Ac/DC converters. Elevers and the system drive characteristics. Modern trends in control of electrical drives. Examples: printing presses, printing machines. Ac/DC converters. Elevers and the system drive characteristics. Modern trends in control of electrical drives. Examples: printing presses, printing machines. Ac/DC converters. Elevers and prove deleters a	3. Cours	se content/stru	icture:										
4. Teaching methods: Lectures, Exercises, Laboratory work. Knowledge evaluation (maximum 100 points) Pre-examination obligations Mandatory Points Final exam Mandatory Points Homework Yes 5.00 Written part of the exam - tasks and theory Yes 30.00 Laboratory exercise attendance Yes 5.00 Coloquium exam Yes 20.00 Test Yes 10.00 Coloquium exam Yes 20.00 Test Yes 10.00 Vers 20.00 Cord. Author Yes 10.00 Literature Ord. Author Osnovi Elektroenergetike FTN, NoviSad 2004 2, Prša M. Osnovi elektrotehnike Stylos - FTN, Novi Sad 2000 3, Miloš Milanković, Dragoslav Perić Osnovi elektroenergetike Viša elektrotehnička škola, Beograd 2002 4, Vla	Principl machine motors. converte electrica	Principles of electromechanical energy conversion. Parts of rotational electrical machines. Overview of different types of electrical machines, basic elements and properties. DC machines, induction machines, synchronous machines, stepper motors, piezoelectric motors. Power transformers. Elements of power electronics. Power electronic converters used to drive electrical machines: AC/DC converters, AC/AC converters. Electrical drives – advantages, elements of drive system, drive characteristics. Modern trends in control of electrical drives. Examples: printing presses, printing machines.											
Lectures, Exercises, Laboratory work. Knowledge evaluation tobligations Mandatory Points Final exam Mandatory Points Homework Yes 5.00 Written part of the exam - tasks and theory Yes 30.00 Laboratory exercise attendance Yes 5.00 Coloquium exam Yes 20.00 Test Yes 10.00 Yes 20.00 Yes 20.00 Test Strezoski Osnovi Elektroenevertiet FTN, NoviSad 20.00 Yes 1, E.Levi, V. Vučković, V. Strezoski Osnovi elektroenevertiet Stylos - FTN, Novi Sad 2004 2, Prá M. Osnovi elektroenevertiet Stylos - FTN, Novi Sad	4. Teac	hing methods:											
Knowledge evaluation (maximum 100 points)Pre-examination obligationsMandatoryPointsFinal examMandatoryPointsHomeworkYes5.00Written part of the exam - tasks and theoryYes30.00Laboratory exercise attendanceYes5.00Coloquium examYes20.00TestYes10.00Coloquium examYes20.00TestYes10.00Coloquium examYes20.00LiteratureOrd.AuthorTitlePublisherYear1,E. Levi, V. Vučković, V. StrezoskiOsnovi ElektroenergetikeFTN, NoviSad20042,Prša M.Osnovi elektrotehnikeStylos - FTN, Novi Sad20023,Miloš Milanković, Dragoslav PerićOsnovi elektroenergetikeViša elektrotehnička škola, Beograd20024,Vladislav TeodorovićElektrične pogonske mašine INauča knjiga Beograd19785,Lj. Gerić, M. Savić, Č. VujovićZaštita objekata od atmosferskog pražnjenjaFTN Novi Sad20016,Đukan VukićElektrotehnika: fizički osnovi, električne mašine, električna merenjaNauka1991	Lecture	s, Exercises, L	aboratory w	vork.									
$\begin{tabular}{ c c c c } \hline Pere-examination obligations & Mandatory & Points & Final exam & Mandatory & Points \\ \hline Homewith the exam tasks and theory & Yes & 30.00 \\ \hline Laboratory exercise attendance & Yes & 5.00 & Coloquium exam & Yes & 20.00 \\ \hline Test & Yes & 10.00 & Yes & 20.00 \\ \hline Test & Yes & 10.00 & Yes & 20.00 \\ \hline Test & Yes & 10.00 & Yes & 10.00 \\ \hline Test & Yes & Yes & 10.00 & Yes & 20.00 \\ \hline Test & Yes & Yes & 10.00 & Yes & 10.00 \\ \hline Test & Yes & Yes & 10.00 & Yes & 10.00 \\ \hline Test & Yes & Yes & 10.00 & Yes & 10.00 \\ \hline Test & Yes & Yes & Yes & 10.00 & Yes & 10.00 \\ \hline Test & Yes & Yes & Yes & Yes & Yes & 10.00 \\ \hline Test & Yes & Yes & Yes & Yes & Yes & Yes & 10.00 \\ \hline Test & Yes & Yes & Yes & Yes & Yes & Yes & 10.00 \\ \hline Test & Yes & Yes & Yes & Yes & Yes & Yes & 10.00 \\ \hline Test & Yes & Yes & Yes & Yes & Yes & Yes & 10.00 \\ \hline Test & Yes & 10.00 \\ \hline Test & Yes $					Knowledge e	evaluation	(maximum 100 points)						
$\begin{array}{c c c c c c } \hline Homework & Yes & 5.0 & Written part of the exam-tasks and theory & Yes & 30.0 \\ \hline Laboratory exercise attendance & Yes & 5.0 & Coloquium exam & Yes & 20.0 \\ \hline Test & Yes & 10.0 & Oto & Yes & 20.0 \\ \hline Test & Yes & 10.0 & Oto & Yes & 20.0 \\ \hline Test & Yes & 10.0 & Oto & Yes & 20.0 \\ \hline Test & Yes & Yes & 10.0 & Oto & Yes & 20.0 \\ \hline Test & Yes & Yes & 10.0 & Oto & Yes & 20.0 \\ \hline Test & Yes & Yes & 10.0 & Oto & Yes & 20.0 \\ \hline Test & Yes & Yes & 10.0 & Oto & Yes & 20.0 \\ \hline Test & Yes & Yes & 10.0 & Oto & Yes & Yes & Yes \\ \hline Test & Yes \\ \hline Test & Yes \\ \hline Test & Yes \\ \hline Test & Yes \\ \hline Test & Yes \\ \hline Test & Yes & $		Pre-examina	tion obligat	ions	Mandatory	Points	Final e	xam	Mandatory	Points			
Laboratory exercise attendanceYes5.00Coloquium examYes20.00TestYes10.00Coloquium examYes20.00TestYes10.00Yes20.00Uterse service serv	Homew	ork			Yes	5.00	Written part of the exam	 tasks and theory 	Yes	30.00			
TestYes10.00Coloquium examYes20.00TestYes10.00 <td>Laborat</td> <td>ory exercise at</td> <td>ttendance</td> <td></td> <td>Yes</td> <td>5.00</td> <td>Coloquium exam</td> <td></td> <td>Yes</td> <td>20.00</td>	Laborat	ory exercise at	ttendance		Yes	5.00	Coloquium exam		Yes	20.00			
Test Yes 10.0 Yes 10.0 Uterature Literature Ord. Author Title Publisher Year 1, E. Levi, V. Vučković, V. Strezoski Osnovi Elektroenergetike FTN, NoviSad 2004 2, Prša M. Osnovi elektrotehnike Stylos - FTN, Novi Sad 2000 3, Miloš Milanković, Dragoslav Perić Osnovi elektroenergetike Naučna knjiga Beograd 1978 4, Vladislav Teodorović Električne pogonske mašine I Naučna knjiga Beograd 1978 5, Lj. Gerić, M. Savić, Č. Vujović Zaštita objekata od atmosferskog pražnjenja FTN Novi Sad 2001 6, Đukan Vukić Elektrotennika: fizički osnovi, električne mašine, električna merenja Nauka 1991	Test				Yes	10.00	Coloquium exam		Yes	20.00			
LiteratureOrd.AuthorTitlePublisherYear1,E. Levi, V. Vučković, V. StrezoskiOsnovi ElektroenergetikeFTN, NoviSad20042,Prša M.Osnovi elektrotehnikeStylos - FTN, Novi Sad20003,Miloš Milanković, Dragoslav PerićOsnovi elektroenergetikeViša elektrotehnička škola, Beograd20024,Vladislav TeodorovićElektrične pogonske mašine INaučna knjiga Beograd19785,Lj. Gerić, M. Savić, Č. VujovićZaštita objekata od atmosferskog pražnjenjaFTN Novi Sad20016,Đukan VukićElektrotehnika: fizički osnovi, električne mašine, električna merenjaNauka1991	Test				Yes	10.00							
Ord.AuthorTitlePublisherYear1,E. Levi, V. Vučković, V. StrezoskiOsnovi ElektroenergetikeFTN, NoviSad20042,Prša M.Osnovi elektrotehnikeStylos - FTN, Novi Sad20003,Miloš Milanković, Dragoslav PerićOsnovi elektroenergetikeViša elektrotehnička škola, Beograd20024,Vladislav TeodorovićElektrične pogonske mašine INaučna knjiga Beograd19785,Lj. Gerić, M. Savić, Č. VujovićZaštita objekata od atmosferskog pražnjenjaFTN Novi Sad20016,Đukan VukićElektrotehnika: fizički osnovi, električne mašine, električna merenjaNauka1991						Liter	ature	i					
1,E. Levi, V. Vučković, V. StrezoskiOsnovi ElektroenergetikeFTN, NoviSad20042,Prša M.Osnovi elektrotehnikeStylos - FTN, Novi Sad20003,Miloš Milanković, Dragoslav PerićOsnovi elektroenergetikeViša elektrotehnička škola, Beograd20024,Vladislav TeodorovićElektrične pogonske mašine INaučna knjiga Beograd19785,Lj. Gerić, M. Savić, Č. VujovićZaštita objekata od atmosferskog pražnjenjaFTN Novi Sad20016,Đukan VukićElektrotehnika: fizički osnovi, električne mašine, električna merenjaNauka1991	Ord.	A	uthor			Title		Publishe	er	Year			
2,Prša M.Osnovi elektrotehnikeStylos - FTN, Novi Sad20003,Miloš Milanković, Dragoslav PerićOsnovi elektroenergetikeViša elektrotehnička škola, Beograd20024,Vladislav TeodorovićElektrične pogonske mašine INaučna knjiga Beograd19785,Lj. Gerić, M. Savić, Č. VujovićZaštita objekata od atmosferskog pražnjenjaFTN Novi Sad20016,Đukan VukićElektrotehnika: fizički osnovi, električne mašine, električna merenjaNauka1991	1,	E. Levi, V. V. Strezoski	Levi, V. Vučković, V. Osnovi Elektroenergetike FTN, NoviSad 2004						2004				
3,Miloš Milanković, Dragoslav PerićOsnovi elektroenergetikeViša elektrotehnička škola, Beograd20024,Vladislav TeodorovićElektrične pogonske mašine INaučna knjiga Beograd19785,Lj. Gerić, M. Savić, Č. VujovićZaštita objekata od atmosferskog pražnjenjaFTN Novi Sad20016,Đukan VukićElektrotehnika: fizički osnovi, električne mašine, električna merenjaNauka1991	2,	Prša M.	. Osnovi elektrotehnike				Stylos - FTN, Novi	Sad	2000				
4, Vladislav Teodorović Električne pogonske mašine I Naučna knjiga Beograd 1978 5, Lj. Gerić, M. Savić, Č. Vujović Zaštita objekata od atmosferskog pražnjenja FTN Novi Sad 2001 6, Đukan Vukić Električna merenja Nauka 1991	3,	Miloš Milanko Perić	ović, Drago	slav Osn	Osnovi elektroenergetike			Viša elektrotehnička Beograd	a škola,	2002			
5, Lj. Gerić, M. Savić, Č. Vujović Zaštita objekata od atmosferskog pražnjenja FTN Novi Sad 2001 6, Đukan Vukić Elektrotehnika: fizički osnovi, električne mašine, električna merenja Nauka 1991	4,	Vladislav Teo	odorović	Elek	Električne pogonske mašine l			Naučna knjiga Beograd		1978			
6, Đukan Vukić Elektrotehnika: fizički osnovi, električne mašine, električna merenja Nauka 1991	5,	Lj. Gerić, M.	Savić, Č. V	ujović Zašt	vić Zaštita objekata od atmosferskog pražnjenja			FTN Novi Sad		2001			
	6,	Đukan Vukić		Elek elek	trotehnika: fizič trična merenja	ki osnovi,	električne mašine,	Nauka		1991			



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



Study Programme Accreditation

UNDERGRADUATE ACADEMIC STUDIES

Graphic Engineering and Design

Course	:								
Course	id:	F208			Г	ype and Typog	raphy		
Numbe	of ECTS:	8							
Teache	rs:	Ì	Nedeljkovi	ć S. Uroš, Karlo	vić Đ. Igo	r			
Course	status:		Mandatory						
Number	of active teac	hing classe	s (weekly)						
L	ectures:	Practical	classes:	Other teachi	ng types:	Study resea	arch work:	Other cla	asses:
	3	0		3		0		0	
Precon	dition courses		_	None		•			
1. Educ	ational goal:								
The ain typogra	n of the course phical rules in	Typeface the prepre	and Typog ss.	raphy is to pre	bare and	train students to properly	manage and implei	ment the know	wledge of
2. Educ	ational outcom	es (acquire	ed knowledg	ge):					
Relying course,	on the basis of students will b	of the cours be able to u	se construct ise the know	tion and intelled wledge gained	ctually cre	ative sphere of graphic of , individual work and fur	lesign, after passing ther education.	an examinat	ion in this
3. Cour	se content/stru	cture:							
lypefac The lec: •Typogr •The ba •The his •The his •The his •The his •The his •The his •The his •The his •The his •The cla •Sansei •The cla •Legibili •Typefa The co •The pri •The for •The for •The pri •Typogr •The pri	Typeface and Typography course includes theoretical and practical part. The lectures in the theoretical part of the course include the following topics: "Typography definition and conceptof the subject The basics of type design / Anatomy of the letter "The history of the typeface "The history of the typeface "The history of the cyrillic alphabet "The history of the cyrillic alphabet "The history of typefaces "The reform the Cyrillic alphabet "Antiqua typefaces "The reform the Cyrillic alphabet "Sanserif typefaces "The classification of the typefaces "Legibility of typeface and readability of typography "Typeface persona and the rhetoric of typography "Typeface persona and the rhetoric of typography The exercise in the practical part of the course include the following topics: "The formation of the digital font "Formating and generating of the font "Formating and generating of the font "Formating and generating of the font "Formating and hint mechanisms "Typography metrics "The principles of typographic layout / The grid systems "Typographic hierarchy and vocabulary								
Lecture	s, computer (C) practice, o	consultatior	15.					
	- 4			Knowledge	valuation	(maximum 100 points)			
	Pre-evamina	tion obligat	ions	Mandatory	Points	Final e	vam	Mandatory	Points
Comput	er exercise att	endance	10113	Yes	5.00	Written part of the exam	- tasks and theory	Yes	30.00
Graphic	paper			Yes	20.00	Oral part of the exam		Yes	20.00
Graphic	paper			Yes	20.00				<u>.</u>
Lecture	attendance			Yes	5.00				
					Liter	ature			
Ord.	A	uthor			Title	9	Publish	er	Year
1,	Nedeljković, S U:	S; Nedeljko	vić, Pisn	no i tipografija			Fakultet tehničkih r	nauka	2012
2,	Phil Baines, A	Andrev Has	lam Typ	e & typography			Laurence King		2002
3,	Dejvid Saks		Sav	ršena slova			Portalibris		2006
4,	Johana Druke	er	Alfa	betski lavirint			Stylos		2006
5,	Fileki, S.		26+: za u	30 PISMO, isto imetničku i peda	rija pisma agošku pr	i tipografije sa poukama aksu	Univerzitet umetno	sti, Beograd	2010

SITA	S STUD		UNIVERSITY OF NOVI SAD							
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D. A.C.	SC S		Study Programme Accreditation	on 🖏	Star CAL					
PLA	UNDERGRADUATE ACADEMIC STUDIES Graphic Engineering and Design									
	_		Literature							
Ord. Author Title Publisher										
6,	6, Nedeljković, S; Nedeljković, Grafičko oblikovanje i pismo Zavod za udžbenike i sredstva, Beograd									



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



Study Programme Accreditation

UNDERGRADUATE ACADEMIC STUDIES

Graphic Engineering and Design

Course:									
Course id: F504I3		Photography							
Number of ECTS: 6									
Teacher:		Aleksić Ž	. Milan						
Course status:		Mandator	ry						
Number of active teac	hing classe	s (weekly)						
Lectures:	Practical	classes:	Other teaching types:	Study research work:	Other classes:				
2	2	2	0	0	0				
Precondition courses			None						
1. Educational goal:									
To enable students for	r acquiring	basic knov	wledge in the field of graphic e	ngineering and design.					
2. Educational outcom	es (acquire	ed knowled	dge):						
Acquired knowledge is	s used in pr	ofession,	research, individual work and	further professional education.					
 Experiments to the fi Nicephore Niepce: F Birth and developme Improvement of Dag Calotype – William H Calotype procedure Topics related to are Photographic portrait Felix Tournachon Na Portrait as a persona Photography of wars Photography of wars Photography and nuc Photography and arts Photography as a top Coloured photograph Caloured photograph Caloured sander Alfred Stieglitz Photography of the 1 Appearance and dev Anastas Jovanović 	PHOTOGRAPHY OF THE 19th CENTURY - Experiments to the first photograph Nicephore Niepce: First photograph in 1826 - Birth and development of Daguerreotype procedure - Louis Daguerre - Improvement of Daguerreotype procedure - Calotype – William Henry Fox Talbot - Calotype procedure - Topics related to areas and architecture in photography - Photographic portrait of the 19th century - Feix Tournachon Nadar - Portrait as a personal expression : Julia Margaret Cameron - Photography of wars and social riots : Timothy O'Sullivan - Photography of wars and social riots : Timothy O'Sullivan - Photography and nude body - Photography and nude body - Photography as a topographic instrument : Eugene Atget - Coloured photographs and photographs : Eadweard Muybridge - Photographs as topographic instrument : Eugene Atget - Coloured photographs and photographs : - August Sander - August Sander - August Sander - Alfred Stieglitz - Photography of the 19th century in Serbia - Appearance and development of Dagerreotype procedure - Anastas Jovanović								
PHOTOGRAPHY OF THE 20th CENTURY - Experiment in the photography at the beginning of the 20thcentury - Application of the first photomontage and photo collage - Dadaism: Herbert Bayer, Hannah, Hoch, Otto Dix - Surrealism : Man Ray - Russian constructionalism: Alexander Rodčenko, Gustav Klutsis - Reportage as a photographic task - Photography as an authentic expression of an individual in the first half of the 20th century - Edward Weston - Andre Kertesz - Anry Cartier Breson - Garry Winogrand - Elliott Erwitt - Photographic Eye of the 20th century : Anry Cartier Breson - Photographer as a direct participant in a war : Robert Capa - Sixth and seventh decade in the photography of the 20th century - Rene Burri - Josef Koudelka - Portrait photography — 20thcentury - Margaret Bourke-White - Arnold Newman Cordi Booton									



THE STAR STUDIO

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



Study Programme Accreditation

UNDERGRADUATE ACADEMIC STUDIES

Graphic Engineering and Design

- Diane Arbus

- Social photography at the end of the 20th century

- Sebastiao Salgado

- Martin Parr - Nan Goldin

4. Teaching methods:

Lectures, laboratory (L) practice, computer (C) practice, consultations.

Knowledge evaluation (maximum 100 points)									
	Pre-examination obligations	Mandatory	Points	Final e	Mandatory	Points			
Exercise attendance			Yes	5.00	Written part of the exam	Yes	50.00		
Lecture attendance			Yes	5.00	Coloquium exam Yes			20.00	
Term paper			Yes	20.00	• •				
Literature									
Ord.	Author	Title				Publisher		Year	
1,	Goran Malić	Slike u srebru				Fotogram Beograd		2001	
2,	Goran Malić	Fotografija 19. veka				Fotogram Beograd		2001	
3,	Peter Stepan	Icons	of photograph	ny -The 20	th Century	Prestel		1999	
4,	više autora	Poseb različit	ne monografi ih izdavača	ije o fotog	rafima 19. i 20. veka	Beograd		2000	



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



Study Programme Accreditation

UNDERGRADUATE ACADEMIC STUDIES

Graphic Engineering and Design

Course:										
Course	id:	EJ03Z	English			h Language - In	termediate			
Number	of ECTS:	2								
Teache	rs:		Bogdanović Ž. Vesna, Gak M. Dragana, Katić M. Marina, Ličen S. Branislava, Mirović Đ. Ivana, Šafranj F. Jelisaveta							
Course	status:		Elective							
Number	Number of active teaching classes (weekly)									
L	ectures:	res: Practical classes: Other teaching types: Study research work: Other classes:							isses:	
	2	()	0		0		0		
Precond	dition courses									
1. Educ	ational goal:									
Further adequat the imm	Further improvement of English vocabulary through expansion of acquired vocabulary and adoption of more complex sentence structures adequate to the purpose and the situation in which the language is used. Expanding the vocabulary with terms that are not related only to the immediate surrounding. Developing the ability to express thoughts and feelings more precisely and clearly.									
2. Educ	ational outcom	es (acquire	ed knowledg	e):						
Students are able to use language knowledge and skills in different life situations using adequate vocabulary and sentence structures. Students are able to adjust their style and register expression to some extent, depending on the situation. Students are able to read more complex texts and interpret and comment on ideas presented in them.										
3. Cours	se content/stru	cture:								
Vocabulary related not only to immediate surrounding, but a number of abstract terms. Text reproduction from various sources, written in a variety of styles and registers. Word formation related to the construction of abstract nouns, expressing the subject, construction of adverbs, the use of negative prefixes, etc. The use of Passive voice. The use of Conditional Sentences (First, Second and Third Conditional). Systematization of the use of tenses.										
4. Teac	hing methods:									
The emphasis is placed on the student activities during the class, their interaction with the teacher and between themselves. The communicative approach is used in the foreign language courses.										
Knowledge evaluation (maximum 100 points)										
Pre-examination obligations			Mandatory	Points	Final ex	Final exam		Points		
Test			Yes	10.00	Written part of the exam - tasks and theory Yes		Yes	70.00		
Test			Yes	10.00	-					
Ord	•								Maar	
Ura.	A 	Seere	New				Publisher		rear	
1,	John Eastwo	od	INEW	Ovford English Grammer Intermediate			Oxford University Press, Oxford		2000	
<u>,</u> 3	Grupa autora	<u>.</u>	Oxford English - Serbian Dictionary Oxford Unive			Oxford University P	ress Oxford	2006		
υ,	2.494 441010									



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



Study Programme Accreditation

UNDERGRADUATE ACADEMIC STUDIES

Graphic Engineering and Design

Table 5.2	Course	specification
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Course:											
Course i	id:	NJ03Z		German Language – Intermediate							
Number	Number of ECTS: 2		1								
Teacher	:		Berić B.	Andrijana	Andrijana						
Course	status:		Elective								
Number of active teaching classes (weekly)											
Le	ectures:	Practical	classes:	Other teachi	ng types:	Study resea	arch work:	Other cla	r classes:		
	2	C)	0 0		0	0				
Precond	lition courses			-							
1. Educa	ational goal:										
Masterir languag	Mastering vocabulary, developing language communication competence in the wide range of everyday situations, mastering complex language structures.										
2. Educa	ational outcom	es (acquire	ed knowle	edge):							
Students gramma	Students have mastered oral and written language in the wider range of everyday situations using the larger vocabulary and the complex grammatical structures, so now they can explain their opinions and thinking in more detail, as well as provide advice.										
3. Cours	e content/stru	cture:									
Practical part of the course: mastering the description of everyday complex situations both orally and in writing, better understanding of the listened text. Theoretical part of the course: reflexive pronouns, unreal clauses, adjective declination, passive with modal verbs, conditional clauses, conjunctive 2 (past), use of the verb lassen, causal clauses with the linking words obwohl and trotzem.											
4. Teach	ning methods:										
Emphasis is on the communication method, implying students` activity during the class. During communication, mutual interaction is essential.											
Knowledge evaluation (maximum 100 points)											
	Pre-examina	nation obligations		Mandatory	Points	Final ex	kam	Mandatory	Points		
Test				Yes	10.00	Written part of the exam	 tasks and theory 	Yes	35.00		
Test	Test		Yes	10.00	Oral part of the exam		Yes	35.00			
Test	Yes 10.00										
	Literature										
Ord.	A	uthor		Title			Publisher		Year		
1,	M.Perlmann Tomaszewsk	-Balme, A. <u>i, D. Weers</u>	Themen aktuell 3 (Lektion 1-Lektion 5)				Hueber Verlag		2004		


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



Study Programme Accreditation

UNDERGRADUATE ACADEMIC STUDIES

Graphic Engineering and Design

Course	:											
Course	id:	SE0001			Intro	duction to Prog	ramming					
Numbe	r of ECTS:	7										
Teache	rs:		Ivanović	V. Dragan, Marko	vić Mila	n, Milosavljević P. Brank	o, Nenadić M. Goran					
Course	status:		Elective									
Numbe	r of active teac	hing classe	s (weekly	y)								
L	ectures:	Practical	classes:	Other teachir	ng types:	Study rese	arch work:	Other cla	asses:			
	3	0)	2		0		1				
Precon	dition courses			None								
1. Educ	ational goal:											
Underst	anding the cor	ncepts, eler	ments, an	d structure of com	puter pro	grams, and basic algorith	ms for data processir	ng.				
2. Educ	ational outcom	ies (acquire	ed knowle	edge):								
Upon successful completion of this course students gain understanding of main computer program concepts and are able to write programs that interact with users; handle different types of data; use basic structural concepts in programming - sequences, selections, and iterations; use subprograms and decompose complex programs; understand elements of software development process; understand elements of algorithm analysis.												
3. Cour	se content/stru	cture:										
The not form an number function structur loop; fin program arrays, comput binary s	tion of a comp d function of p s: the notion o hs. Handling s es: the notion hite and infinit n decompositio operations or er program; to search, sorting	uter progra programmir f a data typ strings: the of decision; e loops; ini on; invoking a arrays, m op-down an g algorithm	m: the ro ng langua e; numeri notion o ; single, d teractive g subprog ultidimen nd spiral o s.	ble of hardware an ages; features of t ical data types; rep of string and its co double, and n-ary o and sentinel loop grams; transfering hsional arrays; dio development, prog	d softwar he Pythor presenting omputer r decisions; s; nested paramete ctionaries. gram test	e in a computer system; programming language numbers in a computer; representation; operation handling exceptions. Loo loops; Boolean algebra ers and results; subprogr . Software development ing. Algorithm analysis:	basics of modern cc e; elements of a Pyth accumulator variable ons on strings; string ops and logical expre and Boolean expre am collections; recur process: representi concepts, the notion	omputer oper on program. es; using mat j formatting. essions: the r ssions. Subj rsion. Data c ng a real sy of search, I	ation; the Handling hematical Decision lotion of a programs: ollections: stem in a inear and			
4. Teac	hing methods:											
Lecture practice	s; Computer p and oral exa	oractice. Co mination.	onsultatio	ons. The examinat	tion is ora	l. The final grade is forr	ned on the bases of	success at I	aboratory			
				Knowledge e	valuation	(maximum 100 points)						
	Pre-examina	tion obligat	tions	Mandatory	Points	Final ex	kam	Mandatory	Points			
Project defence Yes 50.00 Oral part of the exam				Yes	50.00							
					Litera	ature						
Ord.	A	uthor	Title Publisher Ye				Year					
1,	J.M. Zelle		P) Sc	ython Programmin cience, 2nd editior	ig: An Intro 1	bauction to Computer	Franklin, Beedle & A	Associates	2010			



Table

UNIVERSITY OF NOVI SAD

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



Study Programme Accreditation

-LA	NTE	UNDERGRA	DUATE ACA	DEMIC STUD	IES	Graphic I	Engineering and Desi	gn	
Table 5	5.2 Cours	e specifica	tion						
Course:						tele in Mechani			
Course	id:	F202		Fund	amen	itals in Mechanic	cal Engineeri	ng	
Number	of ECTS:	7							
Teache	'S:		Milojević D.	Zoran, Navalı	ušić V. Slo	bodan			
Course	status:		Elective						
Number	of active te	aching classe	es (weekly)						
L	ectures:	Practical	classes:	Other teachi	ng types:	Study resea	arch work:	Other cla	sses:
	2	(C	2		0		0	
Precond	lition course	es	-	None			-		
1. Educ	ational goal	:		-					
Enablin acquirir concept for indiv	g students ig enginee s and meth idual elabor	for abstract ring knowled ods for formir ration of tech	thinking and ge for the m ng a technical nical drawing	acquiring bas lost rational g l drawing as a s, both by han	sic knowle graphic pr n activity f id and usin	edge in the field. Develo resentation of combined that necessarily accompa ng a computer.	ping spatial imaginal forms. Understandi nies the design proce	tion and visu ng basic pro ess. Enabling	alization, ocedures, students
2. Educ	ational outc	omes (acquir	ed knowledge	e):					
Acquire	d knowledg	e is used in p	rofession, ind	lividual work, a	as well as	in further educational pro	cess.		
3. Cours	se content/s	tructure:							
 stand. Solid G length r machine charact projecti source) Calcula Belt pa compre 	ards. Comp eometry). C measures. ery element eristic pers ons. Elabon and mater tion of mecl irs. Gear p ssed and j	uter-aided de Drthogonal pr Tolerance of s. Workshop pectives onto ration of reali ial applicatio nanical eleme airs. Worm pressed joint	esign. Geome ojection – dra free measu drawing. Ere o an object. (istic model p in on a mode ents. Threade pairs. Shaft ts. Antifrictio	etrical modelli awing. Readir res. Toleranc cted drawing. Orthogonal pr resentation, r el. Introductio d carrier. Scre and axis. Joi n bearings.	ng. Solid ng orthogo e of shap Schemati rojection, endering. n to mach ew conneo nts of sh Joints. Br	modelling. B-rep (bounda onal drawings – visualiza be and position. Marking ic drawing. Systems for p isometrics and perspect Defining scene, light sc nine elements. Types of ctions. Group screw conn afts and elements. Mac akes.	ary representation). C tion. Coding – dimer quality and surface roduct design – 2D/3 ive. Determining visi ources (diffuse lighte load. Mechanical pr ections. Mechanical hine keys, pins, gro	SG-rep (Cor nsioning. Tole roughness. D – AutoCAE bility in char ning and ren operties of n carriers. Frict boved shafts	nstructive erance of Drawing D. Setting acteristic note light naterials. ion pairs.
4. Teacl	ning methoo s. Compute	ds: r (C) practice.	. Consultation	IS.					
				Knowledge e	evaluation	(maximum 100 points)			
	Pre-exam	ination obliga	tions	Mandatory	Points	Final ex	kam	Mandatory	Points
Exercise	e attendanc	е		Yes	5.00	Oral part of the exam		Yes	30.00
Lecture	attendance			Yes	5.00				
Project	task			Yes	15.00				
Project	lask			Yes	15.00	-			
Test				Yes	10.00	-			
Test				Yes	10.00				
				100	Liter	ature			
Ord.		Author			Title	2	Publishe	er	Year
1,	Navalušić,	S., Milojević,	, Z. Osno	vi mašinstva -	Inženjers	ke grafičke komunikacije,	FTN, Novi Sad		2001
2. Gligorić, R., Miloiević, Z. Tehničko (ičko crtanje			Univerzitet u Novom Sadu		2004
3,	Miltenović	, V.	Mašir	nski elementi,	oblici, pro	račun, primena	Univerzitet u Nišu, M fakultet, Niš	Mašinski	2004
			·					•	



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



Study Programme Accreditation

UNDERGRADUATE ACADEMIC STUDIES

Graphic Engineering and Design

Course:											
Course	id:	F206				Graphic Proces	sses				
Number	of ECTS:	8									
Teache	rs:		Novakovi	ć M. Dragoljub, I	Kašiković	D. Nemanja					
Course	status:		Mandator	тy							
Number	of active teac	hing classe	es (weekly))							
L	ectures:	Practical	classes:	Other teach	ng types:	Study resea	arch work:	Other cla	isses:		
	4	(C	4		0		0			
Precond	lition courses			None							
1. Educ	ational goal:										
To enab	To enable students for independence in acquiring and applying professional knowledge in the area of graphic engineering and design.										
2. Educ	ational outcom	ies (acquir	ed knowled	dge):							
Acquired knowledge is used in profession, individual work and further educational development.											
3. Course content/structure:											
Graphic basic no Basic no technolo printing process	Graphic processes, basic notions, graphic activities. Fundamental graphic production. Organization of graphic production. Printing form, basic notions. Classification of the multiplying procedures. Printing, reprography and special printing procedures. Postpress and finishing. Basic materials for the preparation and manufacturing of graphic products. Graphic products. Printed information. Communication technologies. Graphic media. Graphic processes, printing with different techniques – letterpress printing, lithography printing, gravure printing, screen printing. Digital printing and hybrid printing technologies. Designing graphic products. Graphic product manufacturing technologies. Designing technologies. Designing graphic products. Graphic product manufacturing technologies. Designing technologies. Designing technologies. Designing technologies. Designing technologies. Designing technologies. Designing technologies. Brite tec										
4. Teac	ning methods:										
Teachin Theory Comput practica held.	g is held using is presented ter practice an Ily apply the a	g contempo in lectures re organiz cquired kno	orary didac s, followec ed in a ma owledge us	ctic means and n d by the exampl anner as to sup sing the available	nethods, ir es and so plement t e laborato	nteractively in the form of olution simulation for be he graphic technology s ry equipment. Apart from	lectures, computer a tter understanding kills, and laboratory lectures and practice	and laboratory of the course y practice are a, tutorials are	r practice. content. used to regularly		
				Knowledge	evaluation	(maximum 100 points)					
	Pre-examina	ition obliga	tions	Mandatory	Points	Final ex	kam	Mandatory	Points		
Comput	er excersise d	efence		Yes	20.00	Written part of the exam	 tasks and theory 	Yes	40.00		
Comput	er exercise att	endance		Yes	5.00	Oral part of the exam		Yes	30.00		
Lecture	allendance			Yes	5.00						
Ord	Δ				Liter	ature	Dublich		Veer		
Ora.	A		Crafički procesi			rear					
1,	Novaković, D).	Gratički procesi inženjerstvo, Novi Sad 200				2004				
2,	Trajković, A.,	Jovanović	s, S. Uv	vod u grafičku teł	nologiju		Tehnološki fakultet	, Beograd	1998		
3,	Milić, N.	., Douijei,	Gr., Gr	afički procesi - p	raktikum z	za vežbe	inženjerstvo i dizaji	1	2012		



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



Study Programme Accreditation

UNDERGRADUATE ACADEMIC STUDIES

Graphic Engineering and Design

Course:	:				– 1 /						
Course	id:	F207			Electr	onics and Opto	electronics				
Number	r of ECTS:	6									
Teache	r:		Slankarr	nenac P. Miloš							
Course	status:		Mandato	ory							
Number	r of active teac	hing classe	es (weekl	y)							
L	ectures:	Practical	classes:	Other teachi	ng types:	Study resea	arch work:	Other cla	asses:		
	2	1	1	1		0		0			
Precond	dition courses	•		•		•	·				
1. Educational goal:											
Acquiring basic knowledge in the field of electronics: basic electronic components, amplifiers, principles of analog-to-digital conversion, the basic principles of operation of digital circuits and their applications in engineering graphics. Acquiring basic knowledge in the field of optoelectronics: optoelectronic components (LED, photodiode, solar cell), optoelectronic sensors (color, position, and distance) and their application in engineering graphics, displays (TFT, LCD, seven-segment LED), electromagnetic spectrum (with emphasis on the visible and UV spectrum).Optics (mirrors and lenses). CCD elements and their application in digital camera, scanner and copier devices. Lasers and their applications in graphics engineering (bar-code printers, laser recording and printing, photocopy machines, laser printers, industrial lasers for engraving and cutting). The working principle of LCD, LED and Plasma TVs and monitors. Panels sensitive to touch (touch screen). Holography.											
2. Educ	ational outcom	nal outcomes (acquired knowledge):									
- Ability to possess basic knowledge in principles of electronic components and amplifiers - Ability to possess basic knowledge in basic principles of digital electronic circuits - Ability to possess basic knowledge in principles of the system LEDs, laser diodes and photodetectors Ability to possess basic knowledge in principles of design simpler systems with displays - Ability to possess basic knowledge in principles of graphical systems with lasers (printers, engraving, cutting, etc.) Ability to possess basic knowledge in principles of fiber of graphical systems with lasers (printers, engraving, cutting, etc.) Ability to possess basic knowledge in principles of fiber of graphical systems with lasers (printers, engraving, cutting, etc.).											
3. Cours	se content/stru	icture:									
Electron FET tra Optoele applicat visible a Lasers industria (touch s	nics: Electronio ansistors. Bas ectronics: Opto tion in engined and UV spectru and their appli- al lasers for er screen). Optica	c signals, A sic digital electronic ering graph um). Optics cations in e ngraving ar al fibers for	A/D and I circuits: devices (l hics. Disp (mirrors engineerin nd cutting data tran	D/A converters. A logic functions a LEDs, photodiode olays (TFT, LCD, and lenses). CCE ng graphics (bar-c). The working pr nsmission. Hologr	mplifier, ic and the ba s, solar ce seven-se dements code printe inciple of l aphy in m	leal operational amplifier asic characteristics of I ells). Optoelectronic sens gment LED). Electromag and their application in ers, laser recording and p LCD, LED and Plasma T ultimedia.	Semiconductors ar ogic gates and con ors (color, position, a gnetic spectrum (with digital camera, scanr rinting, photocopy m Vs and monitors. Pa	nd diodes. Bi nbinational r and distance) h an emphas rer and copie achines, lase nels sensitive	polar and networks. and their sis on the r devices. r printers, e to touch		
4. Teac	hing methods:										
Lecture	s, numerical (N	N) and labo	ratory (L)	practice, consulta	ations.						
				Knowledge e	evaluation	(maximum 100 points)					
	Pre-examina	ation obliga	tions	Mandatory	Points	Final ex	kam	Mandatory	Points		
Laborat	ory exercise at	ttendance		Yes	5.00	Written part of the exam	- tasks and theory	Yes	70.00		
Laborat	ory exercise d	efence		Yes	10.00						
Lecture	attendance			Yes	5.00						
Test				Yes	10.00						
					Litera	ature					
Ord.	A	uthor	Title Publisher Yea					Year			
1,	Živanov, M		Optoelektronika za grafičare Novi Sad 2006								
2,	Zivanov, M. i Slankamena	M. c	0	ptoelektronika, pr	aktikum za	a vežbe	Novi Sad		2006		



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Study Programme Accreditation

UNDERGRADUATE ACADEMIC STUDIES

Graphic Engineering and Design

Course							_		
Course	id:	F408				Industrial Des	ign		
Number	of ECTS:	6							
Teache	rs:		Kuzmano	ović B. Siniša, Pa	vlović S. Ż	Źivko			
Course	status:		Mandator	ŷ					
Number	of active teac	hing classe	es (weekly))					
L	ectures:	Practical	classes:	Other teachi	ng types:	Study rese	arch work:	Other cl	asses:
	2	C)	2		0		2	
Precon	dition courses	-	•	None					
1. Educ	ational goal:								
To enat	To enable students to acquire and develop their knowledge needed for design of new and redesign of existing industrial products.								
2. Educ	ational outcom	nes (acquire	ed knowled	dge):					
Acquire	quired knowledge is used in profession, individual work, and in further education.								
3. Cours	se content/stru	icture:							
befinition the hist Design design Graphic (Internet "Businet application innovation manage	on of design, fr ory of civilizat of – wall pape – bicycles, sca c design, fonts et technology) ess @ the Sp tions, busines ions, relation ement, Patchin	ion. Desigr rs, fabrics, poters, mol s, company , explicit kr eed of This s process, between k g and desig	of the 20 phones, w torcycles, `s identity nowledge, ought". H informatic KM and of gn, BSC a	rrow professiona Dth century, prod vatches, vacuum cars. Business of , magazine cove , importance of c ow design incre on technologies, ther concepts, le nd design. Motiv	l approaci luct desig cleaners, design – s r pages, design in eases the leadershi earning o ation in m	n. Historical aspects of de n, examples through tim clothing, haute couture, stationary, computers, ph packaging design throug Knowledge Managemer company's IQ. Creatin p, corporative culture, hu rganization, design com anagement for a good de	esign, established de e (furniture), design shoes, make-up and iotocopiers, fax mac h time until today. E it (KM). Thinking of ng knowledge on d uman resources man petence – TQM tec esign, linking a vision	signers and c from 1900 u j ewellery, et hines, calcul Design in ma Bill Gates in esign, class nagement, co chnological c with reality v	reators in ntil today. c. Vehicle ators, etc. nagement i his book ifications, pontrol and qualitative <i>i</i> a design.
4. Teac	hing methods:								
Interact underst industri	ive teaching c anding of the al products. Ap	onsists of t course con part from le	he lecture tent. Com	es and computer puter practice is d practice, tutoria	practice. organizeo als are reg	Theory is presented in le I in a manner as to suppl gularly held.	ctures, followed by t ement the skills of m	he examples nodeling and	for better designing
				Knowledge e	evaluation	(maximum 100 points)			
	Pre-examina	ation obligat	tions	Mandatory	Points	Final e	kam	Mandatory	Points
Comput	er exercise att	tendance		Yes	5.00	Written part of the exam	- tasks and theory	Yes	70.00
Graphic	paper			Yes	20.00				
Lecture	attenuance			Yes	5.00	atura			
	-								
Ord.	A	uthor			Litle		Publish	er	Year
1,	Siniša Kuzma	anović	Inc	dustrijski dizajn			Sad	auka NUVI	2010



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



Study Programme Accreditation

UNDERGRADUATE ACADEMIC STUDIES

Graphic Engineering and Design

Course:												
Course	id:	EJ04L		Eng	lish La	anguage – Upp	er Intermediat	te				
Number	of ECTS:	2										
Teache	rs:		Bogdanovi F. Jelisave	ić Ž. Vesna, Ga eta	k M. Drag	ana, Katić M. Marina, Lič	en S. Branislava, Mirc	ović Đ. Ivana,	Šafranj			
Course	status:		Elective									
Number	of active teac	hing classe	es (weekly)									
L	ectures:	Practical	classes:	Other teachi	ng types:	Study rese	arch work:	Other cla	isses:			
	2	()	0		0)	0				
Precond	lition courses											
1. Educational goal:												
Further improvement of language skills. Developing strategies for better understanding of the written text and skills of written expression. Recognition and use of the formal and informal style of communication, as well as other forms of written expression. Developing presentation skills, expressing agreement and disagreement. Expanding vocabulary and adopting structures with gerunds and infinitives and indirect speech.												
2. Educational outcomes (acquired knowledge):												
Students are able to read more complex texts using helpful reading strategies. They are able to express themselves in the written form using adequate style. They are able to orally present their ideas and express their agreement or disagreement with someone else's ideas with some extent of certainty.												
3. Cours	se content/stru	cture:										
Strategi choice o life in th	es for underst of adequate re e future etc. Ir	tanding tex gister. Exp ndirect spe	ts in the fo banding the ech. The us	reign language vocabulary rela se of gerund an	. The use ated to the d infinitive	of text organizer. The u topics such as educatio	se of the formal and n, work, new technol	informal style ogies and dis	e and the coveries,			
4. Teac	hing methods:											
The err commu	phasis is plan nicative meth	ced on the	e student a d in the for	activities during eign language	g class, th lectures.	neir interactions with th	e teacher and betwo	een themsel	ves. The			
				Knowledge e	evaluation	(maximum 100 points)						
	Pre-examina	ition obliga	tions	Mandatory	Points	Final e	xam	Mandatory	Points			
Test				Yes	10.00	Written part of the exam	- tasks and theory	Yes	70.00			
Test				Yes	10.00							
Test				Yes	10.00							
					Liter	ature	1					
Ord.	A	uthor	Title					er	Year			
1,	Michael Vinc	e Mower A	Intermediate English Practice			Macmillan, London		2000				
2,	Sikorzynska	wower, A.	Opportunities Intermediate Lo				Longman, London 2005		2005			
3,	Grupa autora	1	Oxf	ord English - Se	erbian Dict	ionary	Oxford University P	ress, Oxford	2006			
4,	John and Liz	Soars	Nev pog	v English Headv lavlja)	way Intern	nediate (odabrana	OUP		2000			



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Study Programme Accreditation

Graphic Engineering and Design

Course id: F21411 Caraphic culture Number of ECTS: 5 Teachers: Nedeljković M. Slobodan, Nedeljković S. Uroš Course status: Elective Number of active teaching classes (weeky) Other classes: 2 0 2 Precondition courses None 1. Educational goal: With the development of the relief printing course studies the knowledge of markind. Consequently, Lit was very important to develop a set of book form standards that will secure expansion of the form and the format regardless of peographic location. Januage or typeface (itering). In this training course studies will be acquisition of basic knowledge in the field of graphic art and typographic location. Ianguage or typeface (itering). In this training course studies learning process of utiliarian art print and form techniques as well as the connection between print and prographad protocution. 2. Educational outcomes (acquired knowledge): Introduction to the basic elements of graphic tradition and the acquisition of basic knowledge in the field of graphic art and typographical styles: Arts and Crafts, 7 Art Nouveau - Typographic styles: Nego Marking Crafts and Standard State and practical part. The field week open field methode in a distration and the book development of the course includes the book development of the course include the book development - The history of print and graphics - Typographic styles: Constructives and Hatterication of paper in contemporary graphic combunication - Baoc Kiypography Steles Constructives and Mardotange is the sono stelement be	Course:											
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Teachers: Nedeljković M. Slobodan, Nedeljković S. Un3 Course status: Elective: Number of active teacwice: Pracical classes: Other teaching types: Study research work: Other classes: I_active: Pracical classes: Other teaching types: Study research work: Other classes: I_active: Pracical classes: Other teaching types: Study research work: Other classes: I_active: Pracical classes: None None Image: Study research work: Other classes: I_active: I_active: None Image: Study research work: None the book'. Once the book had been perfected in a maner of serial reproduction the most significant titem of this period of illimination is "the book". Once the book had been perfected in a maner of serial reproduction was possible to share work/dwice the knowledge of markind. Consequently, I was your junp train to generative: Orgenses data date it thad state. The outre state were state in the determinent of for all closses of generative: Independent date it thad state. The outre state were state	Number	of ECTS:	5									
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Number of active teaching dasses (weekly) Under Selection Selecti	Course	status:		Elective								
Lectures: Practical classes: Other teaching types: Study research work: Other classes: 2 0 2 0 0 Precondition courses None 0 0 I. Educational goal: With the development of the relief printing commences the reproduction of utiliarian graphic items, some of them being geographic naps and treasury notes. However, the most significant item of this period of illumination is "the book". Once the book had been perfected in a manner of serial reproduction. It was pressible to share work/wide the knowledge of maniful. Consequently, it was very implant to develop a set of book form standards that will secure expansion of the form and the format regardless of geographic location, language or connection between print and propagandar propaduction. 2. Educational outcomes (acquired knowledge): Introduction to the basic elements of graphic tradition and the acquisition of basic knowledge in the field of graphic art and typographical sitils. 3. Course content/structure: Graphic print culture course includes theoretical and practical part. The lectures in the theoretical part of the course include the following topics: - The fundamentals of the book development - The lectures in the theoretical part of the course include the following topics: - The fundamentals of the book development - The lectures in the theoretical part of the course include the following topics: - Desktop 3. Course content/structure: Graphic part - Mondamentals of the book development - The lectures in the theoretical part of the course include the following topics: - Des	Number	of active teac	hing classe	es (weekly)								
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3. Course content/structure: Graphic print culture course includes theoretical and practical part. The lectures in the theoretical part of the course include the following topics: • The fundamentals of the book development • The history of print and graphics • Typographic styles: Renaissance, Baroque, Classicism and Historicism • Typographic styles: Arts and Crafts, ? Art Nouveau • Typographic styles: Constructivism and Modernism • Practical application of paper in contemporary graphic communication • Book typography • Book illustration and ornamention • Techniques of fine prints • Newspaper typography The exercise in the practical part of the course include the following topics: • Desktop publishing • Rules for text formatting • Book design • Newspaper design 4. Teaching methods: Lectures, Computer (C) Practice, Consultations Lectures, Computer (C) Practice, Consultations Mandatory Points Final exam Mandatory Points Theoretical part of the exam Yes 5.00 Theoretical part of the exam Yes 30.00 Graphic paper Yes 20.00 Oral part of the exam Yes 20.00 Graphic paper Yes 20.00 Oral part of the exam Yes 20.00 Graphic paper Yes 5.00 Oral part of the exam Yes 20.00 Graphic paper Yes 5.00 Final exam Mandatory Yes 20.00 Graphic paper	Introduction to the basic elements of graphic tradition and the acquisition of basic knowledge in the field of graphic art and typographical skills. The acquired knowledge is used in the profession, independent work and further education.											
Graphic print culture course includes theoretical and practical part. The lectures in the theoretical part of the course include the following topics: • The fundamentals of the book development • The history of print and graphics • Typographic styles: Renaissance, Baroque, Classicism and Historicism • Typographic styles: Arts and Crafts, ? Art Nouveau • Typographic styles: Constructivism and Modernism • Practical application of paper in contemporary graphic communication • Book tipography. Book illustration and modernism • Practical application of paper in contemporary graphic communication • Book tipography. Book illustration and modernism • Practical part of the course include the following topics: • Desktop publishing • Rules for text formatting • Book design • Newspaper design 4. Teaching methods: Lectures, Computer (C) Practice, Consultations Vertex, Computer (C) Practice, Consultations Mandatory Points Theoretical part of the exam Yes 30.00 Graphic paper Yes 5.00 Theoretical part of the exam Yes 30.00 Graphic paper Yes 20.00 Oral part of the exam Yes 20.00 Iceture attendance Yes 5.00 Final exam Mandatory Yes 20.00 Graphic paper Yes 5.00 Oral part of the exam Yes 20.00 Yes 20.00 Yes 20.00 Yes 20.00 Yes 20.00 Yes <td< td=""><td>3. Cours</td><td>se content/stru</td><td>cture:</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></td<>	3. Cours	se content/stru	cture:									
4. Teaching methods: Lectures, Computer (C) Practice, ConsultationsKnowledge subscriptionsMandatoryPoints PointsMandatoryPointsFre-examination obligationsMandatoryPointsFinal examMandatoryPointsComputer exercise attendanceYes5.00Theoretical part of the examYes30.00Graphic paperYes20.00Oral part of the examYes20.00Computer exercise attendanceYes20.00Computer were exercise attendanceYes20.00Oral attendanceYes20.00Computer were exercise attendanceYes20.00Computer were exercise attendanceYesYes20.00Oral MuthorYesYesYesYes20.00Oral MuthorGrafic perfectionYesYesYes20.00 <tr< td=""><td>Graphic topics: Classici Practica Techniq publishi</br></td><td>print culture of The fundame sm and Histor al application ues of fine prin ng • Rules for</td><td>course incl entals of th icism • Typ of paper ints • News text format</td><td>udes theore ne book dev pographic si in contemp paper typog tting • Book</td><td>etical and practi velopment • The tyles: Arts and orary graphic graphy The exe design • Newsj</td><td>cal part. T e history o Crafts, ? / communio ercise in th paper des</td><td>he lectures in the theored of print and graphics • Ty Art Nouveau • Typograph cation • Book typograph le practical part of the co gn</td><td>ical part of the cours ypographic styles: R nic styles: Constructi ny • Book illustratio urse include the follo</td><td>se include the Renaissance, vism and Moo n and ornam owing topics: •</td><td>following Baroque, dernism • ention • • Desktop</td></tr<>	Graphic topics: Classici Practica Techniq 	print culture of The fundame sm and Histor al application ues of fine prin ng • Rules for	course incl entals of th icism • Typ of paper ints • News text format	udes theore ne book dev pographic si in contemp paper typog tting • Book	etical and practi velopment • The tyles: Arts and orary graphic graphy The exe design • Newsj	cal part. T e history o Crafts, ? / communio ercise in th paper des	he lectures in the theored of print and graphics • Ty Art Nouveau • Typograph cation • Book typograph le practical part of the co gn	ical part of the cours ypographic styles: R nic styles: Constructi ny • Book illustratio urse include the follo	se include the Renaissance, vism and Moo n and ornam owing topics: •	following Baroque, dernism • ention • • Desktop		
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Knowledge evaluation (maximum 100 points)Pre-examination obligationsMandatoryPointsFinal examMandatoryPointsComputer exercise attendanceYes5.00Theoretical part of the examYes30.00Graphic paperYes20.00Oral part of the examYes20.00Graphic paperYes5.00Oral part of the examYes20.00Lecture attendanceYes5.00Uses5.00CondAuthorYes5.00TitlePublisherYearOrd.AuthorTitlePublisherYear1,Nedeljković, S; Nedeljković, UPismo i tipografijaFakultet tehničkin nuka20122,Nedeljković, S; Nedeljković, M.Grafičko oblikovanje i pismoZavod za udžbenike i nastavna sredstva, Beograd20063,Fileki, S.26+30 PISMO, istorija pisma i tipografije sa poukama za umetničku i pedagošku praksuUniverzitet umetnosti, Beograd20104,Saks, DSavršena slovaPortalibris20065,Druker, JAlfabetski lavirintStylos2006	Lectures	s, Computer (C	C) Practice	, Consultatio	ons							
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FACULTY OF TECHNICAL SCIENCES 21000 NOVI SAD, TRG DOSITEJA OBRADOVIĆA 6



Study Programme Accreditation

UNDERGRADUATE ACADEMIC STUDIES

Graphic Engineering and Design

Course: German Language – Upper-Intermediate Course id: NJ04L Number of ECTS: 2 Teacher: Berić B. Andrijana Course status: Elective Number of active teaching classes (weekly) Lectures: Practical classes: Study research work: Other classes: Other teaching types: 2 0 0 0 0 Precondition courses 1. Educational goal: Mastering vocabulary, developing language communicative competence in a wide range of everyday situations, mastering more complex language structures. 2. Educational outcomes (acquired knowledge): Students have mastered oral and written language in the wide range of everyday situations using larger vocabulary and more complex grammatical structures. They can explain their own opinions and attitudes in more detail. 3. Course content/structure: Practical part of the course: mastering the description of everyday complex situations, both orally and in writing, better understanding of a listened text. Theoretical part of the course: some time clauses, antonyms, final sentences, warden in passive and future, future, explaining purpose using the linking words: weil, denn, deshalb, da and wegen. 4. Teaching methods: Emphasis is on the communication method, and hence on students' activity during the class. During the communication, mutual interaction is essential. A number of grammatical exercises following teaching units are also present. Knowledge evaluation (maximum 100 points) Pre-examination obligations Mandatory Points Mandatory Points Final exam Test 10.00 Written part of the exam - tasks and theory 35.00 Yes Yes Test 10.00 Oral part of the exam Yes Yes 35.00 Test 10.00 Yes Literature Ord Title Publisher Year Author M.Perlmann-Balme, A. Hueber Verlag Themen aktuell 3 (Lektion 6-Lektion 10) 2004

1, Tomaszewski, Dörte Weers



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



Study Programme Accreditation

UNDERGRADUATE ACADEMIC STUDIES

Graphic Engineering and Design

Course:									
Course id: F211I1			G	raphic design pr	oducts				
Number of ECTS: 5									
Teachers:	Novaković	M. Dragoljub, k	Kašiković	D. Nemanja					
Course status:	Elective								
Number of active teaching clas	ses (weekly)								
Lectures: Praction	al classes:	Other teachi	ng types:	Study resea	arch work:	Other cla	asses:		
2	0	0		0		2			
Precondition courses		None		•					
1. Educational goal:	1. Educational goal:								
Acquisition of new theoretical	Acquisition of new theoretical and practical knowledge and their application in printing production.								
2. Educational outcomes (acqu	ired knowled	ge):							
Acquired knowledge is used in	further educa	ational developn	nent and i	n the application in practic	e.				
3. Course content/structure:									
Graphic Production, Requirem equipment for video productio products of paper and paper design application systems for	ents engineer n, Design an oard, Other o r printed proo	ing, Software to d development design products ducts	ools for the tools for s material	e design, Design of prelim graphic production, Grap s, Construction products	inary elements, Designing the products and the and the impact on o	gn and manu eir features, design, Cont	ifacture of Design of emporary		
4. Teaching methods:									
Classes are conducted with Lectures presents the theoret subject matter. Computer exe used to practically apply the a are regularly held.	nodern teach cal part of th rcises are org cquired knowl	ning aids and n e curriculum fo ganized in a wa edge using the	nethods, i llowed by ay to supp available	interactively through lect examples and simulation plement the skills of graph laboratory equipment. In	ures, computer and solutions for easier nic technology and la addition to lectures a	laboratory or r understand aboratory pra and exercises	exercises. ing of the actice are s, tutorials		
		Knowledge e	evaluation	(maximum 100 points)		-			
Pre-examination obli	gations	Mandatory	Points	Final ex	am	Mandatory	Points		
Computer excersise defence		Yes	20.00	Written part of the exam	- tasks and theory	Yes	40.00		
Computer exercise attendance		Yes	5.00	Oral part of the exam		Yes	30.00		
Lecture attendance		Yes	5.00						
			Liter	ature					
Ord. Author			Title	9	Publishe	er	Year		



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



Study Programme Accreditation

UNDERGRADUATE ACADEMIC STUDIES

Graphic Engineering and Design

Course										
Course	id:	F214I2				Raster Graph	ics			
Number	of ECTS:	5								
Teache	r:		Milosavl	jević P. Branko						
Course	status:		Elective							
Number	of active tead	hing classe	es (weekl	y)						
L	ectures:	Practical	classes:	Other teachi	ng types:	Study resea	arch work:	Other cl	asses:	
	2	0)	2		0		0		
Precon	dition courses	-		None			-			
1. Educ	ational goal:									
Unders and rep	tanding of digi roduction.	ital raster ir	mages - t	heir concepts, ele	ements, ar	nd structure, and method	s for digitization, pro	cessing, cor	npression	
2. Educational outcomes (acquired knowledge):										
Upon si compre	uccessful com ssion, and rep	pletion of th roduction.	nis course	e students will und	lerstand di	igital raster image concep	ots, and methods of d	ligitization, p	rocessing,	
3. Cours	se content/stru	ucture:								
The not for corre compre	ion of digital r ection. Global ssion, lossless	aster image image proc s and lossy	e. Digitiza cessing o . Vector i	ation of analog sig perations. Local ir mage rendering. I	gnals. Digi nage proc Rendering	tization of images. Negates tessing operations. Convertions. Raster image repr	tive byproducts of dig plution. Filters for ima oduction.	gitization and age processi	l methods ng. Image	
4. Teac	hing methods:									
Lecture	s, computer la	bs, consult	ations. Th	ne exam is written						
				Knowledge e	evaluation	(maximum 100 points)				
	Pre-examina	ation obliga	tions	Mandatory	Points	Final ex	kam	Mandatory	Points	
Comput	er excersise d	lefence		Yes	50.00	Written part of the exam	- tasks and theory	Yes	50.00	
					Litera	ature				
Ord.	A	Author		Title Publisher Year						
1,	Richard Szel	iski	С	computer Vision: A	Igorithms	and Applications	Springer		2011	



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Study Programme Accreditation

UNDERGRADUATE ACADEMIC STUDIES

Graphic Engineering and Design

Course:												
Course id: F301			Re	production Tech	nnology							
Number of ECTS: 8												
Teacher:	Karlović Đ.	lgor										
Course status:	Mandatory											
Number of active teaching clas	ses (weekly)											
Lectures: Practic	al classes:	Other teachi	ng types:	Study resea	arch work:	Other cla	asses:					
4	0	4		0		0						
Precondition courses	•	None										
1. Educational goal:												
Acquiring basic knowledge in the field of reproduction technologies.												
2. Educational outcomes (acquired knowledge):												
Acquired knowledge is used in further educational development, and in the application in practice.												
3. Course content/structure:												
Photographic optics. Lenses and objectives. Reproduction devices. Camera. Increasing device. Contact-photocopier. Repeat photocopier. Sensitometry and densitometry. Photographic materials. Content of photographic materials. Production of photographic materials. Colour-sensitivity. Special photo-materials. Light sources in repro-photography. Lightening and processing photographic materials. Types of developers. Fixing. Developing machines. Standardization of developing conditions and lightening device calibration. Halftone photography. Theory of a halftone dot. Glass halftone. Contact halftone. Electronic halftone. Colour. Colour systems. Principles of multi colour reproduction. Electronic reproduction technique. Scanners. Digital video cameras and cameras. Photo CD. Electronic montage of a page. Personal computers. Post Script. Raster Image Processor (RIP). Portable Document Format (PDF). Print proof. Sheet assembly.												
4. Teaching methods:												
Teaching is held using contem Theory is presented in lectur Computer practice are organ practically apply the acquired k held.	oorary didacti es, followed zed in a mar nowledge usii	c means and m by the example oner as to supping the available	nethods, ir es and so plement t e laborator	nteractively in the form of olution simulation for be he graphic technology s ry equipment. Apart from	lectures, computer a tter understanding o kills, and laboratory lectures and practice,	nd laboratory f the course practice are tutorials are	v practice. e content. e used to regularly					
		Knowledge e	evaluation	(maximum 100 points)								
Pre-examination oblig	ations	Mandatory	Points	Final ex	kam	Mandatory	Points					
Computer excersise defence		Yes	10.00	Written part of the exam	- tasks and theory	Yes	40.00					
Computer exercise attendance		Yes	2.00	Oral part of the exam		Yes	30.00					
Laboratory exercise attendance	;	Yes	3.00									
Laboratory exercise defence		Yes	10.00									
Lecture attendance		Yes	5.00	- 4								
Ord			Liter	ature	Dublish	.	Maar					
Ord. Author	é l Don	zitomotrija i kol	l Itle	priručnik za vožbo drugo	Publisne Eakultot tobničkih p	r auka Novi	Year					
1, Pavlović Ž., Pešterac	Č. izda	nje	Sad	auka, NOVI	2007							
2, Novaković, D., Pešter	ac.C. Rep	rodukciona teh	FTN, skripta, Novi S	Sad	2004							
3, Każi, D. Đorđević M. Kovačev	Llen	nentarna tehnik	Beograd Zavod za izdavanje	udžbenika	1987							
4, Tatić, T. i dr.	Teh	ničko tehnološk	a priprem	a grafičke proizvodnje	SRS, Beograd-Novi	Sad	1990					
5, Buzas, F.	Rep	rodukcios fenyl	kepezes a	nyomdaiparban	M. Konyvkiado, Bud	lapest	1982					
6, Kariovic I., I omic I., Ri (Jurič) I.	Digit	talna reprofotog	grafija		FTN, Novi Sad		2012					



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Study Programme Accreditation

UNDERGRADUATE ACADEMIC STUDIES

Graphic Engineering and Design

Course:											
Course id: F312			Funda	amentals of spa	tial design						
Number of ECTS: 6											
Teachers: Ned	leljković M	I. Slobodan,	Jureša P.	Goran							
Course status: Mar	ndatory										
Number of active teaching classes (w	eekly)										
Lectures: Practical class	ses:	Other teachi	ng types:	Study resea	arch work:	Other cla	sses:				
2 0		2		0		2					
Precondition courses	-	None									
1. Educational goal:											
3D animation is the most applied form of visualization today. Primarily due to its spatial and photorealistic view, this kind of visualization has become a leader in this field. The goal of this course is to enable students to master knowledge in the creation of various space systems and their animation in real time with high quality rendering. Apart from modeling even the most complex models, this medium can be used for appling different textures that contribute to realistic-looking scenes as well as applying physically accurate lighting that is well tuned to render most realistic scenes. The spatial design has largely contributed to the development of various forms of virtual art and it allows designers endless possibilities of expressing creativity.											
2. Educational outcomes (acquired kr	iowledge)	:									
The acquired knowledge is used in the	The acquired knowledge is used in the field for purposes of an individual, further education and can be applied to various industries.										
3. Course content/structure:											
The theoretical part is related to primary digital 3D environment setting in order to minimally reduce errors which occur in the further process of making the animation due to inadequate environment setting. The errors in the process of rendering, lighting and mapping usually occur if the certain setting conditions are not met where the 3D objects are obtained. The concept of the first lecture is based upon the error recognition and its reduction. Introduction to rendering and indirect lighting, their characteristics and positioning of the indirect light. The physics of indirect light enables formation of realistic renders. However, numerous combination settings are at hand. Based on light rejection for purposes of the most realistic scene preview, it permits measuring the number of rejections i.e. compensation of quality and the time it takes to render. The aim of the artificial lighting theory is to explain on of the most significant possibilities of the 3D lighting in the software and also provides recommendation for its application. The compensation of quality and render speed is highly important											
4. Teaching methods:											
Lectures, Computer (C) Practice, Cor	sultations	3									
		Knowledge e	evaluation	(maximum 100 points)							
Pre-examination obligations		Mandatory	Points	Final ex	kam	Mandatory	Points				
Computer exercise attendance		Yes	5.00	Theoretical part of the ex	am	Yes	30.00				
Graphic paper		Yes	20.00	Oral part of the exam		Yes	20.00				
Graphic paper		Yes	20.00								
Lecture attendance		Yes	5.00								
	-		Litera	ature							
Ord. Author			Title Publisher		Year						
1, Oliver Grau	Virtuelna umetnost Massachusetts Institute of Techology			2008							
2, Nemanja Brkić	Tehnologija slikarstva i vajarstva i ikonografije Univerzitet u Beogradu				adu	1991					
3, Eliot Goldfinger	Human anatomy for artists University Prese					1991					
4, Group of writers	3D tota	al, digital art i	masters		Focal press						
5 Connell F	3D total, digital art masters Focal press 2009 3D for Graphic Designers Sybex 2011										



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Study Programme Accreditation

UNDERGRADUATE ACADEMIC STUDIES

Graphic Engineering and Design

Course:											
Course	id:	F307				Printing Forn	าร				
Number	of ECTS:	7									
Teacher	-		Pavlović S. 2	Živko							
Course	status:		Mandatory								
Number	of active tead	ching classe	es (weekly)								
Le	ectures:	Practical	classes:	Other teachi	ng types:	Study rese	arch work:	Other cla	asses:		
	4	()	4		0		0			
Precond	lition courses										
1. Educa	ational goal:										
To enab	le students to	acquire ba	isic and practi	ical knowledge	e in the fie	eld of preparing printing fo	rms.				
2. Educa	ational outcor	nes (acquir	ed knowledge	e):							
Acquired knowledge is used as a base in further education, and in practical application.											
3. Cours	e content/str	ucture:									
the offse (CTP) to technolo printing. photo-p printing analogu	maging and developing of offset printing forms in a printing house. Standardization in making offset printing forms. Influencing factors on he offset printing form during the printing process. Imaging equipment for printing plates. Develpoing mashines. Computer-to-Plate (CTP) technology and the main elements of the CTP system. Hybrid printing forms. Silver halide printing forms. Thermal plates echnology. Making printing forms for gravure printing. Chemical method. Electro-engraving. Laser-made printing forms for gravure printing. Making printing forms for letterpress printing. Photo-polymer printing form, types and usage. Technical process for obtaining photo-polymer printing forms. Photo-polymers for making printing forms for flexography printing. Printing forms for non-conventional printing techniques. Printing forms for screen printing and pad printing. Making of printing forms for digital printing. Control strips for										
4. Teach	ning methods										
Active p and indi	articipation of vidual elabora	f teachers a ation of the	and students i given semina	n classes with Ir paper topic.	the appli	cation of contemporary d	idactic means, group	work in the l	aboratory		
				Knowledge e	evaluation	(maximum 100 points)					
	Pre-examination	ation obliga	tions	Mandatory	Points	Final e	kam	Mandatory	Points		
Laborate	ory exercise a	ittendance		Yes	5.00	Written part of the exam	 tasks and theory 	Yes	40.00		
Laborate	ory exercise o	lefence		Yes	20.00	Oral part of the exam		Yes	30.00		
Lecture attendance				Yes	5.00						
					Liter	ature					
Ord.		Author	Title Publisher				Year				
1,	Hoffman-Wa	lbeck T.	Lehrbuch Digitale Druckformherstellung Dpunkt Verlag, Heidelberg 2004				2004				
2,	Hinderliter H		Unde	Understanding Digital Imposition GATF Press, Pittsburg 2002							
3,	Cedomir Pe	sterac	Stam	parske forme,	knjiga u p	pripremi	kopirnica Elektra		2008		



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Study Programme Accreditation

UNDERGRADUATE ACADEMIC STUDIES

Graphic Engineering and Design

Course											
Course	id:	F302				Chemigraph	าy				
Number	of ECTS:	5									
Teache	r:		Kiurski S. J	lelena							
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:		
	2	()	2			0	0			
Precon	dition courses			<u> </u>							
1. Educ	ational goal:										
To enal theoreti	To enable students in engineering thinking and in acquiring knowledge in the filed of chemigraphy as a fundamental course, which is a theoretical introduction into making printing forms.										
2. Educ	ational outcom	nes (acquire	ed knowledg	le):							
Acquire printing	d knowledge i forms.	s used in f	urther educa	ation, and in be	tter under	standing of physical and	l chemical phenomer	a during the	making of		
3. Course content/structure:											
prepara aluminu layer ba mechar offset p area, sp 4. Teac	preparation of printing plates, electrolysis, mechanism and structure of electrolytic coating, cooper plating, chrome plating, anodising aluminum. Surface phenomena - surface tension, wetting, adsorption. Copy layer processing - copy layers based on bichromate, copy layer based on diazo compounds, photopolymer copy layers. Metal etching - chemism, multiphase, single - and electrolytic etching. The mechanical properties of metals and alloys to produce offset plates - surface properties, metals for making monometallic and polymetallic offset platesa nd cliches. Basic concept of offset printing forms development - the chemical properties of printing plates, size of surface area, species adsorbed surfactants, the concentration of adsorbed substances, phenomenon of chemisorption. 4. Teaching methods:										
Active p the use experim	participation of of experiment inental exercise	teachers a tal techniques are regu	and students ues in selec Ilarly held co	s in classes wit ted areas of ch onsultations.	h modern iemigraph	didactic devices, experi y as the basis of the pri	mental laboratory wo nting profession. In a	rk in small gr iddition to lec	oups with tures and		
				Knowledge e	evaluation	(maximum 100 points)					
	Pre-examina	ation obliga	tions	Mandatory	Points	Final e	exam	Mandatory	Points		
Laborat	ory exercise a	ttendance		Yes	5.00	Oral part of the exam		Yes	30.00		
Laborat	ory exercise d	efence		Yes	20.00						
Lecture	attendance			Yes	5.00						
Test				Yes	10.00						
Test				Yes	10.00						
Test				Yes	10.00						
				•	Liter	ature					
Ord.	Α	uthor	Title				Publish	er	Year		
1,	Jelena Kiurs	ki	Hemigrafija - praktikum, 2.izdanje FTN i				FTN izdavaštvo, N	ovi Sad	2008		
2,	Drew Myers		Surf	actant Science	and Tech	nology, Third Edition	Wiley-Interscience Wiley@Sons, Publ	, John ication	2006		
3,	Jelena Kiursl	ki	Hemigrafija, osnovni udžbenik FTN Izdavaštvo, Novi Sad 2011						2011		



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Study Programme Accreditation

UNDERGRADUATE ACADEMIC STUDIES

Graphic Engineering and Design

Table 5.2 Course specification Course English Language – ESP Course 1 Course id: F320 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 the 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): Students possess certain terminology related to the science, technology and their field of studies. They can follow various literature from the field, and communicate on professional topics in the English language using the terms and sentences characteristic for the language of their future profession. 3. Course content/structure: Processing contemporary professional texts in the English language related to diverse aspects in the field of graphic engineering and design. Developing strategies for understanding a professional text, such as: skimming, scanning, comparing sources, using context, using background knowledge etc. Mastering 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 4. Teaching methods: Emphasis is on students' activity during the class, their interaction with the teacher and among themselves. Communicative approach is used in the foreign language teaching. Exercises are created in order to simplify and evaluate the understanding of texts, as well as to practice certain vocabulary and other characteristic ESP properties. Some exercises are created to inspire students to additionally practice their language skills using the greater knowledge of their studying field. Knowledge evaluation (maximum 100 points) Pre-examination obligations Mandatory Points Mandatory Final exam Points Test 10.00 40.00 Written part of the exam - tasks and theory Yes Yes Test 10 00 30.00 Yes Oral part of the exam Yes Test 10 00 Yes Literature Ord Author Title Publisher Year Ivana Mirović i Vesna 1, Engleski jezik 1 za grafičko inženjerstvo i dizajn FTN, Novi Sad 2007 Bogdanović 2, Branko Vukičević Rečnik štamparstva i izdavaštva Jezikoslovac, Beograd 2005



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Study Programme Accreditation

UNDERGRADUATE ACADEMIC STUDIES

Graphic Engineering and Design

Table 5.	2 Course	specification
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Course:									
Course id:	F330		G	ermar	n Language – L	SP Course 1			
Number of ECTS	: 3								
Teacher:		Berić B. And	rijana						
Course status:		Elective							
Number of active	teaching classe	es (weekly)							
Lectures:	Practical	classes:	Other teaching	ng types:	Study resea	arch work:	Other cla	asses:	
2	()	0		0		0		
Precondition cour	ses	-	None		-				
1. Educational go	al:								
Mastering the profession terminology, developing language competence related to professional topics, mastering complex language structures.									
2. Educational ou	tcomes (acquir	ed knowledge):						
Students have mastered the professional terminology; they can understand texts related to the profession, as well as have conversations on things related to their future profession.									
3. Course conten	t/structure:								
Practical part of t the course: causa modal clauses, c	he course: mas al clauses, effec omparison.	stering profes ct clauses, pre	sional termino positions, infi	ology by c nitive stru	comprehending contempo ictures, passive, verb rec	brary professional tex tion, participle 1 and 2	tts. Theoretio 2, reflexive v	cal part of erbal use,	
4. Teaching meth	ods:								
Emphasis is on interaction is ess and other charac	the communic ential. The writt teristics of the la	ation method en texts are al anguage for s	, and hence lso processec pecific purpos	on stude I. Class ex ses. Apart	nts` activity during the oxercises are created for the from the textbook, the In	class. During the co ne students to practic ternet material is also	mmunication e a certain v o used.	n, mutual ocabulary	
			Knowledge e	valuation	(maximum 100 points)				
Pre-exa	mination obliga	tions	Mandatory	Points	Final ex	kam	Mandatory	Points	
Test			Yes	10.00	Written part of the exam	 tasks and theory 	Yes	35.00	
Test			Yes	10.00	Oral part of the exam		Yes	35.00	
Test			Yes	10.00					
				Liter	ature				
Ord.	Author	Title Publishe				er	Year		
1, E. Zettel Müller	, J. Janssen, H	Aus moderner Technik und Naturwissenschaft (1.1, 3.2, 3.3, 3.4)Hueber Verlag2003						2003	



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Study Programme Accreditation

UNDERGRADUATE ACADEMIC STUDIES

Graphic Engineering and Design

Course:											
Course	id:	F302I1			G	raphic Commun	ication				
Number	of ECTS:	5									
Teache	rs:		Ševo B. Bo	ško, Nedeljkov	ić S. Uroš						
Course	status:		Elective								
Number	of active teac	hing classe	es (weekly)								
L	ectures:	Practical	classes:	Other teachi	ng types:	Study resea	arch work:	Other cla	isses:		
	2	()	2		0		0			
Precond	dition courses			None		•					
1. Educ	ational goal:										
Training theoreti graphic	Training students to think abstractly and acquire basic knowledge in the field. The goal of this program is to provide students with the theoretical and practical work in this field, know the basics of visual communication as a fundamental area for the study and practice of graphic design.										
2. Educ	ational outcom	es (acquire	ed knowledg	e):							
The acquired knowledge is used in the profession, independent work and further education.											
3. Cours	se content/stru	cture:									
Graphic followin Logo / t Book of graphic Graphic	Graphic Communications course includes theoretical and practical part. The lectures in the theoretical part of the course include the following topics: • Signs, symbols and pictograms • Graphic communication in space / marking and guidance • Visual / corporate identity • Logo / trademark and logo • Advertising constants • Papers for business correspondence • Style propaganda / sales propaganda tool • Book of the graphic standards • Annual report design The exercise in the practical part of the course include the following topics: • Vector graphics • Design of modern pictograms • Design of the logo and visual identity • Flyers and brochures design • The basic elements of Graphic standards book design.										
4. Teac	hing methods:										
Lecture	s, computer (C) practice,	consultation	S.							
				Knowledge	evaluation	(maximum 100 points)					
	Pre-examina	tion obliga	tions	Mandatory	Points	Final e>	am	Mandatory	Points		
Comput	er exercise att	endance		Yes	5.00	Theoretical part of the ex	am	Yes	20.00		
Graphic	paper			Yes	20.00	Practical part of the exan	n - tasks	Yes	30.00		
Graphic	paper			Yes	20.00						
Lecture	attendance			Yes	5.00						
					Liter	ature					
Ord.	A	uthor			Title		Publishe	er	Year		
1,	Hembree, R.		Kompletan grafički dizajn				Don Vas		2008		
2,	Fruht, M; Rał	kić, M; Rak	ć, I. Grafički dizajn kreacija za tržište				Zavod za izdavanje nastavnih sredstava	udžbenika i a Beograd	2004		
3,	Nedeljković,	М.	Marketinški priručnik				D.O.O. Dnevnik - Novine i časopisi, Novi Sad		2001		
4,	Nedeljković, : U.	S; Nedeljko	ković, Pismo i tipografija Fakultet tehničkih nauka, Novi Sad						2012		
	0.										



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Study Programme Accreditation

UNDERGRADUATE ACADEMIC STUDIES

Graphic Engineering and Design

Course:											
Course	id:	F303				Printing Technic	ques				
Number	of ECTS:	8									
Teachei	rs:		Novakovi	ć M. Dragoljub, k	Kašiković D). Nemanja, Pavlović S. Z	Živko				
Course	status:		Mandator	у							
Number	of active teac	hing classe	es (weekly)	1							
L	ectures:	Practical	classes:	Other teachi	ng types:	Study resea	arch work:	Other cla	asses:		
	4	C)	4		0		0			
Precond	lition courses			None							
1. Educa	ational goal:										
To enable students for individuality in acquiring and applying professional knowledge in the field of graphic engineering and design.											
2. Educational outcomes (acquired knowledge):											
Acquired knowledge is used in further educational development, and in the application in practice.											
3. Course content/structure:											
Letterpr differen impress	Letterpress printing, rotogravure printing, lithography printing, screen printing, digital printing, special printing procedures, printing on different substrates, improvements and similar procedures, technical printing problems, impressions in individual printing technologies, impression quality.										
4. Teacl	ning methods:										
Teachin Theory Comput practica held	g is held using is presented ter practice ar Ily apply the ad	g contempo in lectures re organize cquired kno	orary didac , followed ed in a ma owledge us	tic means and m by the example anner as to sup sing the available	nethods, in es and so plement the laboratory	teractively in the form of lution simulation for be ne graphic technology s y equipment. Apart from	lectures, computer a tter understanding skills, and laborator lectures and practice	and laborator of the course y practice an e, tutorials are	y practice. e content. e used to e regularly		
				Knowledge e	valuation	(maximum 100 points)					
	Pre-examina	tion obligation	tions	Mandatory	Points	Final ex	xam	Mandatory	Points		
Comput	er excersise d	efence		Yes	20.00	Written part of the exam	- tasks and theory	Yes	40.00		
Comput	er exercise att	endance		Yes	3.00	Oral part of the exam		Yes	30.00		
Laborat	ory exercise at	ttendance		Yes	2.00			•			
Lecture	attendance			Yes	5.00						
					Litera	ature					
Ord.	A	uthor			Title		Publish	er	Year		
1,	Novaković, D).	Te	hnike štampe, sk	ripta		FTN, Grafičko inže dizajn, Novi Sad	njerstvo i	2004		
2,	Kipphan, H.		На	ndbook of Print I	Media		Springer		2000		
3,	Bolanča S.		Gla	avne tehnike tisk	а		Acta Graphica, Zag	greb	1997		
4,	Teschner H.		Dru	uck & Medien Te	chnik		Fach Schriften Ver	lag	2003		
5,	Adams J. M.,	Dolin P. A	. Pri	nting Technology	/		Delmar thomson le	arning	2002		
6,	Wilson D. G.		Lithography Primer				GATF Press, pitsb	urgh	1997		
7,	Faiola A.		Typography Primer				GATF Press, pitsburah		2000		
8,	Lawler B. P.		The Official Adobe Print Publishing Guide				Adobe 200		2006		
9,	Novaković, D Kašiković, N	., Pavlović	^{, Ž.,} Tehnike štampe, praktikum za vežbe Fakultet tehničkih nauka 20						2011		
	Kašiković, N.										



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Study Programme Accreditation

UNDERGRADUATE ACADEMIC STUDIES

Graphic Engineering and Design

Course:											
Course	id:	F308				Print finishin	g				
Number	of ECTS:	8									
Teache	rs:		Novakovi	ć M. Dragoljub, I	Kašiković I	D. Nemanja					
Course	status:		Mandator	ŷ							
Number	of active teac	hing classe	es (weekly))							
L	ectures:	Practical	classes:	Other teach	ng types:	Study resea	arch work:	Other cla	asses:		
	4	C)	3		0		1			
Precond	dition courses	•	·	None		•					
1. Educ	ational goal:										
To enat	ole students for	r independe	ence in ac	quiring and apply	/ing profes	ssional knowledge in the f	ield of graphic engine	eering and de	sign.		
2. Educ	ational outcom	nes (acquire	ed knowled	dge):							
Acquire	d knowledge is	s used in pr	rofession,	individual work a	nd in furth	er education.					
3. Cours	se content/stru	icture:									
Product and crit end-pap paper-b process labels a	Production of books, newspapers and magazines. Handmade book bounding. Industrial book binding. Structure of book, types of binding and criteria for binding selection. Restoration of old books. Making a book block. Processing printed sheets, cutting, folding, gathering, end-paper, thread sawing, casing-in, book pressing and other processing operations of a book block making. Making covers. Covers for paper-bound book. Covers for hard cover binding (full paper, half cloth, full cloth, half leather, full leather). Book composition and processing. Cutting, folding, gathering, thread sawing, casing-in, cover making, embossing and foil stamping. Blocks, maps, prospects, labels and other products.										
4. Teac	4. Teaching methods:										
Teachin Theory Compu practica held.	ig is held using is presented ter practice an Ily apply the a	g contempo in lectures re organize cquired kno	orary didac s, followed ed in a ma owledge us	ctic means and n d by the exampl anner as to sup sing the available	nethods, ir es and so plement t e laborator	nteractively in the form of olution simulation for be he graphic technology s ry equipment. Apart from	lectures, computer a tter understanding o kills, and laboratory lectures and practice	and laboratory of the course y practice are e, tutorials are	/ practice. e content. e used to e regularly		
				Knowledge	evaluation	(maximum 100 points)					
	Pre-examina	ation obligation	tions	Mandatory	Points	Final ex	kam	Mandatory	Points		
Comput	er exercise att	tendance		Yes	2.00	Written part of the exam	 tasks and theory 	Yes	40.00		
Laborat	ory exercise at	ttendance		Yes	3.00	Oral part of the exam		Yes	30.00		
Laborat	ory exercise d	efence		Yes	20.00						
Lecture	attendance			Yes	5.00						
					Liter	ature					
Ord.	A Novaković D		70	vrěpa grafička o	Title	; inta sa prodavania	Publishe FTN, Grafičko inže	er njerstvo,	Year		
1,		· ·	2a		ořava, ski	ipia sa preuavarija	Novi Sad		2004		
2,	Dorđević, M.	. Kovačević	рп 5. М., –			6 YI	Беодгас		1990		
3,	Tatić, T. i dr.	,	le	hničko tehnološi	a priprem	a grafičke proizvodnje II	Beograd		1990		
4,	Wiese, F.		De	erbucheinband			Schluttersxe Verlag	g, Hannover	1983		
5,	Potisk, V.		Gr	afička dorada			Zagreb-Beograd-N	ovi Sad	1989		
6,	Liebau D., He	einze I.	inc	dustrielle Buchbir	nderei	Verlag Beruf+Schu	le	2001			
7,	Tedesco T. J	. editor	Binding Finishing Mailing The Final Word GATF Pr					urgh	1999		
8,	Banister M.		The Craft of Bookbinding Dover Publications, Inc., New York 1						1975		
9,	Novaković, D)., Apro, M.	Završna grafička obrada - praktikum za vežbe Fakultet tehničkih nauka u Novom Sadu 2012								



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



Study Programme Accreditation

UNDERGRADUATE ACADEMIC STUDIES

Graphic Engineering and Design

Course:										
Course	id:	F209				Multimedia				
Number	of ECTS:	6								
Teache	rs:		Milosavljev	ić P. Branko, M	lilanović N	I. Nikola, Milosavljević R.	Gordana			
Course	status:		Mandatory							
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		2		
Precond	lition courses		-	None						
1. Educ	ational goal:									
Introducing students to concepts, methods and technologies in the field of multimedia systems and publishing.										
2. Educ	ational outcom	es (acquire	ed knowledg	e):						
Practica	I application o	fmethods	and technolo	ogies in the field	d of multin	nedia systems.				
3. Cours	se content/stru	cture:								
Multime compre Distribu hyperm	edia systems ssion and da tion systems. edia. Methodo	(propertie tabase for Systems fo logies for o	s of continu mats. Memo or managing designing m	ual media). Ba orizing multime multimedia da ultimedia syste	isic conce edia data tabases, ems.	epts of sound, image, v . Properties of multimed integration. Fundamental	ideo and animation dia work stations an s in multimedia docu	. Technique d operation ments. Hype	s in data systems. ertext and	
4. Teac	ning methods:									
Lecture	s, computer pr	actice, con	sultations.							
				Knowledge e	valuation	(maximum 100 points)				
	Pre-examina	ition obliga	tions	Mandatory	Points	Final ex	kam	Mandatory	Points	
Comput	er excersise d	efence		Yes	50.00	Theoretical part of the ex	am	Yes	50.00	
					Liter	ature				
Ord.	A	uthor	Title Publisher					ər	Year	
1,	Nigel Chapm Chapman	an, Jenny	Digital Multimedia				John Wiley and Sons		2004	
2,	Nigel Chapm Chapman	an, Jenny	Digit	Digital Media Tools John Wiley and Sons 2003						



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Study Programme Accreditation

UNDERGRADUATE ACADEMIC STUDIES

Graphic Engineering and Design

Course:										
Course	id:	F230			Des	ign of Graphic F	Products			
Number	of ECTS:	6								
Teache	rs:		Nedeljko	vić S. Uroš, Ševo	B. Boško					
Course	status:		Elective							
Number	of active teac	hing classe	s (weekly)						
L	ectures:	Practical	classes:	Other teachi	ng types:	Study resea	arch work:	Other cla	isses:	
	2	0)	2		0		0		
Precond	lition courses		-	None			-			
1. Educ	ational goal:									
The aim of the studies is to provide students with the theoretical and practical work in the field of graphic design products, enabling them to independently solve the tasks. Students are being formed into complex graphic design engineers, socially responsible, able to evaluate the aesthetic level of the project to be realized and able to creatively work on it and finish it.										
2. Educ	ational outcom	es (acquire	ed knowle	dge):						
Acquire	d knowledge is	used in pr	ofession,	individual work a	nd in furth	er education.				
3. Course content/structure:										
•Calend •Produce	Graphic Communications course includes theoretical and practical part. The lectures in the theoretical part of the course include the following topics: •Direct means of advertising •Representative propaganda tool •Folding Design Graphic Packaging •Design labels, stickers and slings The exercise in the practical part of the course include the following topics: •Catalogue design •Calendar design •Product design									
4. Teac	ning methods:									
Lecture	s, computer (C) practice,	consultati	ons.						
				Knowledge e	evaluation	(maximum 100 points)				
	Pre-examina	tion obligat	tions	Mandatory	Points	Final ex	am	Mandatory	Points	
Comput	er exercise att	endance		Yes	5.00	Theoretical part of the ex	am	Yes	20.00	
Graphic	paper			Yes	20.00	Practical part of the exan	n - tasks	Yes	30.00	
Graphic	paper			Yes	20.00					
Lecture	allenuarice			Yes	5.00	aturo				
Ord	Δ	uthor			Titlo	alure	Publich	or	Voar	
Ju.						**-	Zavod za izdavanie	e udžbenika		
1,	Frunt M., Rak	AIC, IVI.	G	alicki ulzajn krea		รเย	Beograd		2004	
2,	Hembree, R.		Kompletan grafički dizajn				Don vas, Beograd	lovine i	2008	
3,	Nedeljković, l	M.	Marketinški priručnik				časopisi, Novi Sad		2001	
4,	Nedeljković, S U.	5; Nedeljko	Pismo i tipografija						2012	
5,	Nedeljković, l S.	M; Nedeljko	vić, Grafičko oblikovanje i pismo Sredstva, Beograd						2006	



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Study Programme Accreditation

UNDERGRADUATE ACADEMIC STUDIES

Graphic Engineering and Design

Course:										
Course	id:	F321		E	nglish	Language – ES	SP Course 2			
Number	of ECTS:	3								
Teache	rs:		Bogdanovio F. Jelisave	ć Ž. Vesna, Gal ta	k M. Draga	ana, Katić M. Marina, Liče	en S. Branislava, Mir	ović Đ. Ivana,	Šafranj	
Course	status:		Elective							
Number	of active teac	hing classe	es (weekly)							
L	ectures:	Practical	classes:	Other teachi	ng types:	Study resea	arch work:	Other cla	asses:	
	2	C)	0		0		0		
Precond	lition courses			None		-				
1. Educational goal:										
Further mastering of the terminology related to profession. Further mastering of reading and understanding the original English texts from the diverse sources related to the graphic engineering and design. Further developing of the oral and written communication related to these topics, using adequate vocabulary and more complex sentence structures.										
2. Educ	ational outcom	es (acquire	ed knowledg	je):						
Students have an expanded vocabulary related to the science, technology and their field of studying. They can follow the more professional literature from the field, and speak about professional topics using more complex terms and sentences characteristic for the language of their future profession.										
3. Cours	se content/stru	cture:								
Process design. context, most co	sing contempo Further develo using backgro mmon prefixe	orary profest oping the s ound know s, suffixes,	ssional texts trategies for /ledge etc. F , compound	s in the English r understanding ⁻ urther masteri s and collocatio	n language g a profest ng the mo ons. Redu	e related to diverse aspe sional text, such as: skim ost common terminology uced relative clauses and	ects in the field of gr ming, scanning, con related to professior I participles.	aphic engine nparing sourc n. Further add	ering and es, using opting the	
4. Teac	ning methods:									
Emphas used in practice practice	sis is on studen the foreign lan e certain voca e their languag	nts` activity nguage tea bulary and ge skills us	/ during the aching. Exer I other char sing the gre	class, their intercises are creat acteristic ESP eater knowledg	eraction w ted in orde propertie e of their	ith the teacher and amor er to simplify and evalua s. Some exercises are studying field, commen	ig themselves. Comr te the understanding created to inspire si ts and explanations	municative ap g of texts, as y tudents to ad	proach is well as to ditionally	
				Knowledge e	evaluation	(maximum 100 points)		-		
	Pre-examina	ition obligat	tions	Mandatory	Points	Final ex	kam	Mandatory	Points	
Test				Yes	10.00	Written part of the exam	 tasks and theory 	Yes	40.00	
Test				Yes	10.00	Oral part of the exam		Yes	30.00	
Test			Yes	10.00						
					Liter	ature				
Ord.	A Nirouid	uthor		Title			Publisher		Year	
1,	Bogdanović	rvesna	Engleski jezik 1 za grafičko inženjerstvo i dizajn			FTN, Novi Sad 200		2007		
2,	Branko Vuku	čević	Rečnik štamparstva i grafike Jezikoslovac 20					2005		



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Study Programme Accreditation

UNDERGRADUATE ACADEMIC STUDIES

Graphic Engineering and Design

Course:												
Course	id:	F331		G	ermar	n Language – L	SP Course 2					
Number	of ECTS:	3										
Teacher	'S:		Berić B. An	drijana, Jović E). Miomira	l						
Course	status:		Elective									
Number	of active teac	hing classe	s (weekly)									
Le	ectures:	Practical	classes:	Other teaching	ng types:	Study resea	arch work:	Other cla	asses:			
	2	C		0		0		0				
Precond	lition courses											
1. Educa	1. Educational goal:											
Expansion of vocabulary related to professional terminology. Vocabulary is in accordance with the advanced level of professional language knowledge. Students learn more complex grammar structures.												
2. Educational outcomes (acquired knowledge):												
Students have mastered the professional terminology and know how to use it in both written and oral form.												
3. Cours	se content/stru	cture:										
Masterir	ng the professi	ional termir	iology, expa	nding the voca	bulary, an	d mastering more comple	ex grammatical struct	ures.				
4. Teach	ning methods:											
Emphas interacti and othe	sis is on the o on is essential er characterist	communica I. The writte ics of the la	ation metho en texts are anguage for	d, and hence also processec specific purpos	on stude I. Class ex ses.	nts` activity during the operation of th	class. During the co ne students to practic	mmunicatior e a certain v	n, mutual ocabulary			
				Knowledge e	valuation	(maximum 100 points)						
	Pre-examina	ition obligat	ions	Mandatory	Points	Final ex	kam	Mandatory	Points			
Test				Yes	10.00	Written part of the exam	 tasks and theory 	Yes	35.00			
Test				Yes	10.00	Oral part of the exam		Yes	35.00			
Test				Yes	10.00							
					Liter	ature						
Ord.	Α	uthor	Title Publisher Y					Year				
1,	E. Zettel, J. J <u>Müller</u>	anssen, H.	Aus	Aus moderner Technik und Naturwissenschaft Hueber Verlag 2003								



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Study Programme Accreditation

UNDERGRADUATE ACADEMIC STUDIES

Graphic Engineering and Design

Course:				Divited Dhate were here							
Course	id:	F304I1				Digital Photogra	aphy				
Number	of ECTS:	6									
Teache	rs:		Karlović Đ.	Igor, Pavlović	S. Živko						
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:										
The aim image p	of this module rocessing and	e is to teac data stora	h the studer ige.	nts the contemp	orary tecl	hniques and methods of o	digital photography, a	as well the me	ethods for		
2. Educational outcomes (acquired knowledge):											
The students will be able to work in a digital photo studio using the standardized photo imaging techniques by using measure and control devices. Beside using properly the digital camera students will aquire knowledge to process and storage the digital images.											
3. Cours	3. Course content/structure:										
Work p Mosaic	rinciple of digi deconstructio	ital camera	a, Sensors a ms and erro	and build of dig ors, Errors in in	gital came naging R/	era, Photography optics AW photography, High [and measurement o Dynamic Range pho	of imaging sl tography	narpness,		
4. Teac	ning methods:										
Theoret	ical lectures										
Laborat	ory work										
Comput	er classes			Knowlodgo	valuation	(maximum 100 points)					
	Pre-examina	tion obliga	tions	Mandatory	Points	Final ex	(am	Mandatory	Points		
Laborat	ory exercise at	ttendance		Yes	5.00	Written part of the exam	- tasks and theory	Yes	40.00		
Laborat	ory exercise de	efence		Yes	20.00	Oral part of the exam		Yes	30.00		
Lecture	attendance			Yes	5.00			Į			
					Liter	ature					
Ord.	A	uthor	Title Pu				Publishe	er	Year		
1,	Efthimia Bilis Langford	si , Michae	Langford's Advanced Photography, Eighth Edition				Focal Press		2010		
2,	Elizabeth Alle Triantaphillid	en , Sophie ou	The Manual of Photography and Digital Imaging, Tenth EditionFocal Press2009						2009		



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Study Programme Accreditation

UNDERGRADUATE ACADEMIC STUDIES

Graphic Engineering and Design

Course:										
Course	id:	F407				Colour Scien	се			
Number	of ECTS:	6								
Teache	rs:		Novaković	ć M. Dragoljub, ł	Karlović Đ	. Igor, Pavlović S. Živko				
Course	status:		Mandator	y						
Number	of active teac	hing classe	es (weekly)							
L	ectures:	Practical	classes:	Other teachi	ng types:	Study rese	arch work:	Other cla	isses:	
	4	()	4		C		0		
Precond	dition courses			None						
1. Educ	ational goal:									
To enal enginee	ble students t ering and desi	o adopt co ign.	ontempora	ry theoretical a	nd practio	cal knowledge on colour	as a very significa	nt segment ir	n graphic	
2. Educ	ational outcom	ies (acquire	ed knowled	lge):						
Acquired knowledge is used in profession, individual work, and in further education.										
3. Course content/structure:										
Light as a natural phenomenon, Colour as a natural phenomenon, Observing and differentiating colour, Colour attributes, Historical development of the colour systems, Colour perception in colour space and colour appearance models, Concept of colour models, Colour appearance models, Measuring instruments, Gloss and whiteness measurements.										
4. Teac	hing methods:									
Teachin Theory equipm	ig is held using is presented i ent. Apart fron	g contempo n lectures. n lectures	orary didac At practice and practic	tic means and n e, students repe ce, tutorials are	nethods, ir at the tea regularly	nteractively in the form of ching content and expar held.	lectures, computer and their knowledge b	and laboratory y using the m	practice. neasuring	
				Knowledge e	evaluation	(maximum 100 points)				
	Pre-examina	ition obliga	tions	Mandatory	Points	Final e	xam	Mandatory	Points	
Comput	er excersise d	efence		Yes	20.00	Written part of the exam	 tasks and theory 	Yes	40.00	
Comput	er exercise att	endance		Yes	2.00	Oral part of the exam		Yes	30.00	
Laborat	attendance	ttendance		Yes	3.00 5.00					
Leotare	atteridarioe			165	Liter	l				
Ord.	A	uthor			Title		Publish	er	Year	
1,	Novaković, D).	Nauka o boji				FTN, Grafičko inže dizajn, Novi Sad	njerstvo i	2008	
2,	Soutworth M	., Soutwort	h D. Pocket Guide to Color Reproduction			duction	Graphic Arts Publishing Inc, Livonia		1995	
3,	Richard Hunt Harold	er, Richard	d The	e Measurement	of appear	Wiley-Interscience		1987		



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Study Programme Accreditation

UNDERGRADUATE ACADEMIC STUDIES

Graphic Engineering and Design

Course:												
Course	id:	F411			B	asics of game n	naking					
Number	r of ECTS:	4										
Teache	rs:		Karlović E	arlović Đ. Igor, Pavlović S. Živko								
Course	status:		Mandator	у								
Number	r of active teac	hing classe	s (weekly))								
L	ectures:	Practical	classes:	Other teachi	ng types:	Study resea	arch work:	Other cl	asses:			
	2	0		2		0		0				
Precond	dition courses		•	None		•						
1. Educ	ational goal:											
The aim to deve	n of the module lop the story lin	e is to teach ne and cha	n the basic racters as	cs of computer gain well to establish	ame cons good gar	tructions. The students w me dynamics.	ill learn to make a co	omputer gam	e concept			
2. Educ	ational outcom	es (acquire	d knowled	lge):								
The stu game.	dents will lear	n the basic	s of comp	uter game devel	opment a	nd in the practical classe	es they will make the	eir own basic	computer			
3. Cours	se content/stru	cture:										
Today's Computer Games Today's Computer Game Industry (a multi-disciplinary industry) Player Motivation and Marketing Genres of Computer Games The Game Setting (History, Background, Storyline, and Setting of the Game) Types of Challenges in Computer Games Storytelling in Games Character Development in Games (both Avatars and NPCs) Gameplay Mechanics The Game Design Process and Design Documents Computer Game Engines (e.g. Torque, Game Maker, etc.) Building the Game World/Setting Textures and Image Manipulation (for creating/editing textures) Objects (both 2D and 3D) and Collisions Creating Static 3D Objects (called "Interiors" in Torque game engine) Creating Dynamic (Animate-able) 3D Objects Employing Audio in Computer Games												
4. Teac The the comput	hing methods: coretical classe er classes will	es will enco consist of	ompass th work in a	e basics of the g game developm	game dev nent engir	elopment theory with the	focus on real world arn to make their ow	l game exam vn computer	ples. The game.			
				Knowledge e	valuation	(maximum 100 points)						
	Pre-examina	tion obligat	ions	Mandatory	Points	Final ex	kam	Mandatory	Points			
Comput	ter excersise d	efence		Yes	20.00	Written part of the exam	- tasks and theory	Yes	40.00			
Comput	ter exercise att	endance		Yes	5.00	Oral part of the exam		Yes	30.00			
Lecture	attendance			Yes	5.00							
					Liter	ature						
Ord.	A	uthor			Title)	Publish	er	Year			
1,	Jeannine Nov	vak	Ga	ime developmen	t essential	ls	Delmar Learning		2011			
2,	Bob Bates		Ga	ime Design			Course TEchnology	y PTR	2004			
3,	Heather Max	well Chand	ier Fu	ndamentals of ga	ame devel	lopment	Jones&Bartlett		2010			



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Study Programme Accreditation

UNDERGRADUATE ACADEMIC STUDIES

Graphic Engineering and Design

Course:											
Course	id:	F501				WEB Desig	n				
Number	of ECTS:	5									
Teache	rs:		Marković	. Milan, Sladić S	6. Goran, V	√idaković P. Milan					
Course	status:		Mandatory								
Number	of active teac	hing classe	es (weekly)								
L	ectures:	Practical	classes:	Other teachi	ng types:	Study rese	arch work:	Other cla	asses:		
	2	()	2 0 2							
Precond	lition courses	-		None		•	•				
1. Educ	ational goal:										
To enat	ble students to	handle tec	hnologies fo	or web content of	design and	d to introduce students wi	th web design princip	oles.			
2. Educ	2. Educational outcomes (acquired knowledge):										
Student	Students are enabled for individual work in area of creating complicated web contents.										
3. Cours	se content/stru	cture:									
Fundan data typ needs.	nental technolo les on the web Multilingualism	ogies for w Streamin and locali	eb design: I g. Web site zation of co	HTML, xHTML, usability: page ntent.	CSS. Ch design, co	aracteristics of the Intern ontent design, web site de	et network and HTTI esign. Presentation fo	P protocol. N or persons wi	Iultimedia ith special		
4 Teac	hing methods:										
Consult	ations comput	ter practice	lectures								
Consult			, icciurcs.								
				Knowledge e	evaluation	(maximum 100 points)		1	1		
Pre-examination obligations Mandatory Points Final exam Mandatory Points							Points				
Project defence Yes 50.00 Oral part of the exam Yes						50.00					
					Liter	ature					
Ord.	A	uthor			Title	1	Publishe	er	Year		
1,	Dave Lawren Tavakol	ice, Soheyl	la Bala Usa	anced Website I bility and Purpo	Design - C ose	Optimising Aesthetics,	Springer-Verlag		2007		
2,	Jacob Nielse	n	Des	igning Web Usa	ability		Peachpit Press		1999		
3.	Brvan Pfaffer	berger et a	al. HTN	/L. XHTML. and	d CSS Bib	le	John Wilev and Sor	าร	2004		



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Study Programme Accreditation

UNDERGRADUATE ACADEMIC STUDIES

Graphic Engineering and Design

Course:					1 a d a llive	e Circulation	and Constral							
Course	id:	F404		Modelling, Simulation and Control										
Number	of ECTS:	4												
Teache	1		Jeličić E	D. Zoran										
Course	status:		Mandat	ory										
Number	of active teac	hing classe	s (week	ly)		-	<u></u>							
L	ectures:	Practical	classes:	Other teachi	ng types:	Study resea	arch work:	Other cla	asses:					
	2	0		2		0		0						
Precond	lition courses													
1. Educ	ational goal:													
Masteri fundam	ng theoretical entals in com	and praction puter control	cal fund ol syste	lamentals in mode ms in graphic eng	lling and si ineering.	mulation of graphic pro	ocess. Mastering the	eoretical and	practical					
2. Educ	ational outcom	nes (acquire	ed knowl	edge):										
Acquire courses	d knowledge	is used in	solving	specific engineeri	ing problem	ns, and it also present	s a basis in further	taking of pro	fessional					
3. Cours	se content/stru	icture:												
Place a enginee Mathem example	Place and role of modelling and simulation, application in practice. Theory on modelling and simulation. Mathematical models in graphic engineering. Simulation languages. Simulation on a digital computer. Basic notions and principles of the automated control system. Mathematical descriptions of continual linear systems. Measuring, management systems for monitoring in graphic engineering. Practical examples and control of graphic processes and systems.													
4. Teac	ning methods:													
Lecture divided rule, the Written written	ectures, computer and laboratory practice, consultations. The examination has a written and an oral part. Teaching content can be livided into two partial examinations. Oral part of the examination is passed in accordance with the list of examination questions. As a rule, the validation of partial examinations is two examinations terms. Partial examinations and final examination are in a written form. Written part of the examination is eliminatory. Examination grade is formed on the basis of grades from partial examinations, homework, written part of the examination are in a written form.													
				Knowledge e	valuation (r	maximum 100 points)								
	Pre-examina	tion obligat	ions	Mandatory	Points	Final ex	am	Mandatory	Points					
Comput	er excersise d	efence		Yes	30.00 C	oloquium exam		No	40.00					
					<u>T</u>	heoretical part of the ex	am	Yes	30.00					
					P	ractical part of the exan	n - tasks	Yes	40.00					
0.1					Literat	ure								
Ord.	A	luthor	radad E	Praktikum Savreme	l Itle	i instrumentacija iz	Publishe	er	Year					
1,	V., Kanović Ž	<u>Ž., Živković</u>	S. p	programa Lifelong I	_earning		INDAS		2003					
2,	Duane Hanse Littlefield	elman, Bruc	ce N	Mastering MATLAB			Prentice Hall; 1 edi Zavod za udžbenik	tion e i nastavna	2011					
3,	Mladen Popo	ović	S	Senzori i merenja			sredstva, Srpsko S Izdanje	arajevo, 4.	2004					
4,	Rafael C. Gonzalez, Richard A E Bigital Image Processing Using MATLAB Gatesmark Publishing 2009 4, Eddins Eddins Eddins Eddins Eddins Eddins							2009						
5,	Oge Marques	S	F	Practical Image and	d Video Proe	cessing Using MATLAB	Wiley-IEEE Press		2011					



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UNIVERSITY OF NOVI SAD

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Study Programme Accreditation

UNDERGRADUATE ACADEMIC STUDIES

Graphic Engineering and Design

Course:													
Course id:		EJF5		English Language for GRID 1									
Number of E	CTS:	2		odanović Ž Vasna, Gak M. Dragana, Katić M. Marina, Ličen S. Branislava, Mirović Đ. Ivana, Šafrani									
Teachers:			Bogdano F. Jelisav	vvić Ž. Vesna, Ga veta	k M. Drag	ana, Katić M. Marina, Liče	en S. Branislava, Mirc	ović Đ. Ivana,	Šafranj				
Course status	S:		Elective										
Number of ac	tive teac	hing classe	es (weekly	()									
Lecture	es:	Practical	classes:	Other teachi	ng types:	Study resea	arch work:	Other cla	asses:				
2		(0	0		0		0					
Precondition	courses												
1. Educationa	al goal:												
Introduction t the graphic e contemporar words and th Purposes.	to the bas engineeri y Europe e usage	sics of the ng in orde an and wo of prefixes	English for r to learn orldwide s and suffi	or Specific Purpo professional terr tandards. Expen- xes, and adoptin	ses. Mast ninology i ding the E g gramma	ering professional and so related to definitions, cla English language knowled In and language structure	sientific texts from di ssifications, terms and dge by learning new s characteristic for th	verse areas nd notions ad vocabulary, ne English fo	related to dapted in complex r Specific				
2. Educational outcomes (acquired knowledge):													
Enabling students to obtain satisfactory knowledge and skills on a professional level for the communication with clients, colleagues and employers in the English language.													
3. Course co	ntent/stru	cture:											
Adequate pro	ofessiona lods, pac	al texts in kaging, pa	the follow aper, ink,	ing areas: print r typography, futu	nedia, inti re trends.	roduction to printing, me	dia printing, tradition	al and digita	I printing,				
4. Teaching r	nethods:												
Teaching is themselves. class is dedi knowledge o communicat	performe This is fo cated to a on individ e in Eng	ed using th llowed by adopting a dual gram lish as m	he commu a discussi and practio mar struc uch as po	unication method on on the topics cing new vocabu ctures. Students ossible.	d, After a mentioned lary using are enco	short introduction into a d in the text and on the co oral and written exercis puraged, while working	a certain topic, stude onclusions offered by es, as well as to rep in groups and ente	ents read the the text. A p eating and e ring a discu	e text for part of the xpanding ssion, to				
				Knowledge e	evaluation	(maximum 100 points)							
Pre	-examina	tion obliga	tions	Mandatory	Points	Final ex	kam	Mandatory	Points				
Test				Yes	10.00	Written part of the exam	- tasks and theory	Yes	40.00				
Test Yes 10.00 Oral part of the exam Yes 30.0							30.00						
rest				Yes	10.00	l							
Urd.	A na Booda		na		Litle		Publishe Fakultet tehnickih n	er auka Novi	Year				
1, Mirc	vić		Er	ngleski jezik 2 za	grafičko ir	nženjerstvo i dizajn	Sad		2007				
2, Brar	nko Vukič	ević	Re	ečnik štamparstva	a i izdavaš	itva	Jezikoslovac, Beog	rad	2005				



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UNDERGRADUATE ACADEMIC STUDIES

Graphic Engineering and Design

Course													
Course	id:	NJ05		German Language for GRID 1									
Number	of ECTS:	2											
Teache	rs:		Berić B. And	rijana, Jović E	D. Miomira								
Course	status:		Elective										
Number	of active teac	hing classes	s (weekly)										
L	ectures:	Practical of	classes:	Other teachi	ng types:	Study resea	arch work:	Other cla	asses:				
	2	0		0		0		0					
Precon	lition courses			None			•						
1. Educ	ational goal:												
Expans Learnin	ion of vocabul g more compl	ary related ex gramma	to everyday tical structur	situations. V es.	ocabulary	v is in accordance with th	ne advanced level of	language kr	nowledge.				
2. Educ	ational outcom	nal outcomes (acquired knowledge):											
Student	Students discuss on various given topics without difficulties, they provide arguments for their attitudes.												
3. Cour	se content/stru	cture:											
Practica course:	al part of the ca adjective posi	ourse: mast tion in a se	ering the de ntence, posi	scription of ev tion of main a	veryday, o ind depen	complex situations, both o dent clause, negation, us	orally and in writing. sage of three past te	Theoretical p nses, compo	oart of the unds.				
4. Teac	hing methods:												
Empha interact	sis is on the o ion is essenti	communica al. There a	tion method ire also a ce	, and hence ertain numbe	on stude r of gram	nts` activity during the omer exercises related t	class. During the co o teaching content.	mmunicatio	n, mutual				
				Knowledge e	evaluation	(maximum 100 points)							
	Pre-examina	ition obligati	ons	Mandatory	Points	Final ex	kam	Mandatory	Points				
Test				Yes	10.00	Written part of the exam	- tasks and theory	Yes	35.00				
Test Yes 10.00 Oral part of the exam Yes 35.0							35.00						
Test Yes 10.00													
					Liter	ature							
Ord.	A	uthor			Title		Publishe	er	Year				
1,	Michaela Pe Susanne Sch	rlmann-Balr walb	^{ne,} Em ⊦	lauptkurs (Lel	ktion 1-Le	ktion 4)	Hueber Velag		2000				



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Study Programme Accreditation

UNDERGRADUATE ACADEMIC STUDIES

Graphic Engineering and Design

Course							_						
Course	id:	F412l1		Creative Calligraphy									
Number	of ECTS:	2		adelikavić M. Olekadan, kuraža D. Caran									
Teache	rs:		Nedeljković	M. Slobodan,	Jureša P.	Goran							
Course	status:		Elective										
Number	of active tead	ching classe	es (weekly)										
L	ectures:	Practical	classes:	Other teachi	ng types:	Study rese	arch work:	Other cla	asses:				
	2	()	0		C)	0					
Precond	dition courses			None									
1. Educ	ational goal:												
The ain Calligra accomp creative	n of the cours ophy is art of lish the optim calligraphy.	e is to mee fine writing um level of	et the creativ g, a form of creative har	e needs of stu creative hand ndwriting. The	udents wh lwriting ar practical v	o wish to learn handwrit nd can be perceived as work on handwritten form	ten print preceding t an art itself. The st is will present the co	the book deve udents will b mplexity and	elopment. e able to beauty of				
2. Educ	ational outcon	nes (acquire	ed knowledge	e):									
The acc manusc	The acquired knowledge is used in the field for purposes of an individual and further education. With Working on beautiful calligraphic manuscripts and printing skills the students will develop a sense of beauty, which is the key to developing a good "taste".												
3. Cour	3. Course content/structure:												
Creative Calligraphy course includes theoretical and practical part. The lectures in the theoretical part of the course include the followin topics: • Calligraphy, the concept of the subject • Roman capital letters • Uncial and half uncial script • Constitution • Black letters National Letters • Caroline minuscule • Italic calligraphy • Initials and monograms • Book ornamentation • Zacharias Orfelin Calligraph • Contemporary calligraphy/ Spencerian script / Lubalin, Karnas, Lester, Bantjes. The practical part of the course include the followin topics: • Writing with a guilt • Writing with a brush						following k letters • alligraphy following							
4. Teac	hing methods:												
Lecture	s, Consultation	ns											
				Knowledge e	evaluation	(maximum 100 points)							
	Pre-examina	ation obliga	tions	Mandatory	Points	Final e	xam	Mandatory	Points				
Lecture	attendance			Yes	5.00	Oral part of the exam		No	10.00				
Project				Yes	45.00	Practical part of the exar	n - tasks	Yes	50.00				
			- i		Liter	ature							
Ord.	A	Author M: Nedelik	ονίć		Title		Publish Zavod za udžbenik	er e i nastavna	Year				
1,	S.	in, neueijk	Grafičko oblikovanje i pismo Zavod za udzbenike i nastavna sredstva, Beograd					2006					
2,	Eraković, T.		Vrati pism	mo se lepom p ovnih oblika ka	oisanju : os aligrafije i t	svrt na istorijski razvoj tipografije	Grafoofset, Sremsk	ka Kamenica	1995				
3,	Nedeljković, U.	S; Nedeljko	^{ović,} Pism	o i tipografija			Fakultet tehničkih r	nauka	2012				
4,	Fileki, S.		26+3 za ur	0 Pismo: istori netničku i ped	ija pisma i agošku pr	tipografije sa poukama aksu	Univerzitet umetno	sti, Beograd	2010				



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Study Programme Accreditation

UNDERGRADUATE ACADEMIC STUDIES

Graphic Engineering and Design

Course	:												
Course	id:	F412l2	Design for all										
Numbe	r of ECTS:	2											
Teache	r:		Atanackovi	ć-Jeličić T. Jele	ena								
Course	status:		Elective										
Numbe	r of active teac	hing classe	es (weekly)										
L	ectures:	Practical	classes:	Other teachi	ng types:	Study rese	arch work:	Other cla	asses:				
	2	()	0		C)	0					
Precon	dition courses	-		None		•							
1. Educ	ational goal:												
Introduc	ction to princip	les of desig	n for all on c	lifferent levels	of spatial	representation and theore	etical understanding.						
2. Educ	ational outcom	nes (acquire	ed knowledg	e):									
Universal design or "design for all" is emerging as a significant concept of thought in contemporary society that goes beyond masted different types of physical barriers for people with permanent or temporary disability status to the spheres of equal access to informat marketing, industrial design, and communication and the sphere of architectural, artistic activities and cultural activities in general.							nastery of formation, ral.						
3. Course content/structure:													
Definition, origin and development of principles (urban area, "Design for A principle to cases in the areas of ind				principles of un ough architecti design, imple	niversal d ural proje mentation	esign, design of differen cts, interior space, at th n in graphic design, and	nt spatial levels in a e level of the furnitu the possible develo	ccordance w re); applicati opment of ne	vith these ion of the w trends				
4. Teac	hing methods:												
Lecture	s, written exan	n.											
				Knowledge (evaluation	(maximum 100 points)							
	Pre-examina	ation obliga	tions	Mandatory	Points	(indxindin roo pointo) Final e	xam	Mandatory	Points				
Homew	ork	alon opliga		Yes	5.00	Written part of the exam	- tasks and theory	Yes	30.00				
Lecture	attendance			Yes	5.00		, , , , , , , , , , , , , , , , , , ,						
Presentation Yes 10.00													
Project				Yes	50.00								
Literature													
Ord. Author Title Publisher					Year								
1, Grupa autora				olja međunaro erzalnog dizajn	dna iskusi ia, , pra/docum	tva u primeni			2010				
2,	Počuč, M		Univ http:/	erzalni dizajn i //www.inkluzija	dizajn za .org/biblio	sve, teka/rscprezentacijazaLI			2010				



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Study Programme Accreditation

UNDERGRADUATE ACADEMIC STUDIES

Graphic Engineering and Design

Course:													
Course	id:	F306		Graphic Systems									
Number	of ECTS:	6		reković M. Drazeliuh. Kažiković D. Nomenia									
Teachei	's:		Novakovi	ić M. Dragolj	ub, K	(ašiković l	D. Nemanja						
Course	status:		Mandator	ry									
Number	of active teac	hing classe	es (weekly)									
L	ectures:	Practical	classes:	Other te	eachir	ng types:	Study resea	arch work:	Other cla	sses:			
	4	()		4		0		0				
Precond	lition courses			None				•					
1. Educa	ational goal:			-									
To enab	le students fo	r independ	ence in ac	quiring and a	apply	ing profes	sional knowledge in the f	ield of graphic engine	eering and de	sign.			
2. Educa	ational outcom	nes (acquire	ed knowled	dge):									
Acquire	d knowledge is	s used in p	rofession,	individual wo	ork, a	and in furth	ner education.						
3. Course content/structure:													
Classification of graphic systems, basic structure of graphic systems, graphic systems in graphic processes, basic mechanisms in graphic systems, structure of graphic systems. Basic construction concepts (plate to plate, cylinder to plate, rotational systems). Graphic printing systems: letterpress printing, gravure printing, lithography printing, screen printing, digital printing, hybrid graphic systems and special graphic systems. Graphic systems for finishing, graphic systems for packaging and graphic materials, complex graphic systems and repair of graphic systems.								nisms in Graphic tems and systems,					
4. Teacl	ning methods:								-				
Teachin Theory Comput practica held.	g is held using is presented er practice a lly apply the a	g contempo in lectures re organizo cquired kno	orary didad s, followed ed in a ma owledge us	ctic means a d by the exa anner as to sing the avai	ind m ample supp ilable	ethods, ir es and so plement t laborator	nteractively in the form of olution simulation for be he graphic technology s y equipment. Apart from	lectures, computer a tter understanding kills, and laboratory lectures and practice	and laboratory of the course y practice are a, tutorials are	practice. content. used to regularly			
				Knowled	dge e	evaluation	(maximum 100 points)						
	Pre-examina	tion obliga	tions	Manda	tory	Points	Final ex	kam	Mandatory	Points			
Comput	er excersise d	efence		Yes	s	20.00	Written part of the exam	 tasks and theory 	Yes	40.00			
Comput	er exercise att	endance		Yes	s	2.00	Oral part of the exam		Yes	30.00			
Laborat	ory exercise a	ttendance		Yes	s	3.00							
Lecture	allendance			Yes	S	5.00	-						
						Liter	ature		ĺ				
Ura.	Α	uthor				litle		Publish FTN Grafičko inže	er nierstvo	rear			
1,	Novaković, D).	Gr	afički sistem	ni, skr	ripta		Novi Sad	njorotvo,	2004			
2,	MacPhee J.		Fu	Indamentals	of Li	thographie	c Printing	GATF Press, Pittsb	ourgh	1998			
3,	Goldmann G		⊺Th	e World of P	rinte	rs		Oce Printing System	ms GmbH	2004			



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Study Programme Accreditation

UNDERGRADUATE ACADEMIC STUDIES

Graphic Engineering and Design

Course: Course id: F401 Graphic Design												
Numbo		6		Graphic Design								
Toocho	ro:	0	Nodoliković	S Uroč Juroč	a P. Corr	20						
Course	atatua:		Mandaton	5. 0103, Julea								
Course	status:	hing closes										
Bamuni	r of active teac	ning classe	s (weekiy)	Otherteet		Chudu maa	anah uwanku	Otheral				
L	ectures.	Practical	classes.	Other teachi	ng types.	Sludy lese		Other cla	asses.			
Drooon	dition courses	0		Nono			'	0				
1. Educ	ational goal:			NONE								
The cou design the acc proper	urse was desig form it explore sumulated know context, provid	ned consul s its capabi wledge fron de affordab	ting contem lities in the o n various di le and effeo	porary discour context. There sciplines, and ctive communi	rse of grap fore, the ι with the cation to	bhic design, which means Iltimate goal of the course use of symbols and app the addressee, that is, th	s that in addition to t e is for the student to ropriate content, and he end user.	he visual and be able to in d placing the	l practical mplement m in their			
2. Educ	ational outcom	nes (acquire	d knowledge	e):								
It is of elemer psychol have th	great importar it of context in logy. Concerni e opportunity t	nce to the e n the conte ng the deve o experienc	education p emporary un eloping ties h ce the real p	rogram of gra nderstanding petween the gr otential of this	phic desi of graphi aphic des field.	gners to include relevan c design, such as: sem sign and broader context	t aspects from differ iotics, sociology, po of the humanities-so	rent disciplin blitics, mostl cial sciences	es, as an y applied , students			
3. Cour	se content/stru	icture:										
The lectures in the theoretical part of the course include the following topics: •Graphic design as communication and process •Propaganda / Methods and techniques of propaganda •Propaganda Posters •Selection of the effective propaganda theme •The instincts and appeals in advertising •Expressive means of graphic design •The historzy of poster •Registers and levels of advertising code / Verbal message register •Registers and levels of advertising code / Verbal message register •Editorial design •The history of editorial design / modernism, postmodernism, deconstructionism The exercise in the practical part of the course include the following topics: •Design of promotional poster •Design of promotional ad •Commercial photography •Product photography •Direct design means of advertising / Flyer design •Layout design												
4. Teac	hing methods:) practice	consultation	3								
	-,, (0	,, .										
	Dro august	tion ables t	iana	Knowledge e	valuation	(maximum 100 points)	vom	Mendata	Deligita			
Compu	rie-examina	endance	ions		Foints	Final e	xam (am		Points			
Computer exercise attendance Yes 5.00 Th Graphic paper Yes 20.00 Or					Oral part of the exam		Yes	20.00				
Graphic	paper			Yes	20.00			<u> </u>				
Lecture	attendance			Yes	5.00							
					Liter	ature						
Ord.	A	uthor			Title)	Publishe	er	Year			
1,	Miodrag Ned	eljković	Mark	etinški priručni	ik		D.O.O. "Dnevnik - N časopisi"	Novine i	2001			
2,	Fruht, M. Ral	kić M., Raki	ć I. Grafi	čki dizajn krea	cija za trž	ište	Zavod za izdavanje nastavnih sredstava	e udžbenika i a, Beograd	2004			
3,	Nedeljković, M;	S; Nedeljko	^{vić,} Grafi	čko oblikovanj	e i pismo		Zavod za udžbeniko sredstva, Beograd	e i nastavna	2006			

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ALL ANTERS

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

Study Programme Accreditation

UNDERGRADUATE ACADEMIC STUDIES

Graphic Engineering and Design





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Study Programme Accreditation

UNDERGRADUATE ACADEMIC STUDIES

Graphic Engineering and Design

Course:													
Course id: II1053 Production Systems													
Number	of ECTS:	5		ić P. Ilija. Lazarević M. Milovan. Čuš Franci									
Teache	rs:		Ćosić P.	sić P. Ilija, Lazarević M. Milovan, Čuš Franci ndatory									
Course	status:		Mandato	ry									
Number	of active teac	hing classe	es (weekly)									
L	ectures:	Practical	classes:	Other teachi	ng types:	Study rese	arch work:	Other cla	asses:				
	2	()	2		()	0					
Precond	dition courses	-		None		•							
1. Educ	ational goal:												
The aim product acquire distribu	n of the course ion processes foundations f tion of system	e is to enat that take p or designir elements	ole studen blace withi ng energy as a man	ts for developing n them. Students systems. During ner of selecting	and designment master to classes, micro and	gning product systems, o ools for designing the sys students acquire knowled macro locations.	defining their charact stem structure and th edge necessary for o	teristics, and te working pro determining th	designing ocess and he spatial				
2. Educ	ational outcom	nes (acquire	ed knowle	dge):									
Student product system product	t will be prepa as an essenti functioning. E ion and other	red to dev al objective During lecti system fu	elop and e of the pr ures, prac nctions, i.	design a produc oduction system tice and practica e. the flows of n	tion syste , as well a al work, s naterials,	m, to recognize and un as to learn basic determi tudents obtain knowled energy and information	derstand the importanations related to the ge on a company as	ance of produ e energy supp an integrate	ction and port to the d unity of				
3. Cours	3. Course content/structure:												
Theoretical lectures: Basic elements of a production system. Development conditions of production systems. Product and product programme. Working process and system capacity. Forming material flows. Individual approach in flow formation. Group approach in f formation. General model of material flows. Balancing flows in a system. Forming flows in service systems. Forming the product system structure. Process approach in structure formation. Object approach in structure formation. Basic foundations for struct formation. Determining the system elements. Modelling the spatial system structures. Modelling the energy flows. Determining ene demands. Designing energy structures. Location of production systems. Determining the system location in narrow and wider ser Outsourcing functions or processes to another location or in another production system. Conditions for outsourcing, dividing responsib and competences, managing the working processes. Organizational readiness for accepting contemporary technological solutions Simulation of production systems from developed countries and the region countries. Analy on system structures. Elaboration of a seminar paper in a real system from developed countries knowledge in laboratory conditions.							roduction ch in flow roduction structure ng energy ler sense. ponsibility solutions.						
4. Teac	hing methods:												
Oral pre contem	esentations wi	th slides fro	om a vide	o projection. Usa	ige of tabl	les and handouts for pra	ctice, work in a labo	ratory and vis	its to real				
				Knowledge e	evaluation	(maximum 100 points)		_					
	Pre-examina	tion obliga	tions	Mandatory	Points	Final e	xam	Mandatory	Points				
Exercise	e attendance			Yes	5.00	Written part of the exam	- tasks and theory	Yes	30.00				
Lecture	attendance			Yes	5.00	-							
Project				Yes	50.00	-							
Test				Yes	10.00								
	-				Liter	ature	i						
Ord.	A	uthor			Title		Publish	er	Year				
1, Zelenović, D. PROJEKTOVANJE PROIZVODNIH SISTEMA Naučna knjiga 20			2009										
2,	Maksimović,	R.	pri	iručnik za vežbe			FTN Novi Sad		2003				
3,	∠elenović, D. Maksimović,	., Cosić, I., R., Maksin	nović, Pr po	iručnik za projekt jedinačni prilaz	ovanje pro	oizvodnih sistema -	FTN Novi Sad		2003				


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UNDERGRADUATE ACADEMIC STUDIES

Graphic Engineering and Design

Table 5.2 Course specification

Course:									
Course	id:	F305			F	Professional Pra	actice		
Number	of ECTS:	3							
Teache	rs:								
Course	status:		Mandatory						
Number	of active teac	hing classe	es (week	ly)					
L	ectures:	Practical	classes:	Other teachir	ng types:	Study resea	arch work:	Other cla	asses:
	0	()	0		0		4	
Precond	lition courses	-		None			-		
1. Educ	ational goal:								
To acqu which th	To acquire direct knowledge on functioning and the organization of a company and an institution dealing with jobs within the profession for which the student is studying, as well as the possibility of applying the previously obtained knowledge in practice.								
2. Educ	ational outcom	nes (acquire	ed knowl	edge):					
Enabling selected busines	Enabling students for applying previously acquired theoretical and specific knowledge for solving practical engineering problems within the selected companies or institutions. Introducing students to the activities of the selected companies or institutions, the manners of doing business, management, as well as engineer's position and role in their organizational structures.								
3. Cours	3. Course content/structure:								
 Introdu Organ Busine Depari Prepari Techn Graph Opera Production Graph Maintetion Safety Enviro Concreorganizion 	 Introduction to a concrete production process in a graphic company. Organization of a graphic production. Business functions. Department for advancement and development. Preparation for graphic production. Technical and technological preparation. Graphic modelling and product design. Operational production preparation. Production of graphic products. Graphic systems in a products. Gaphic systems in a production process. Maintenance and repair. Quality control. Safety at work. Environmental protection. 								
4. Teac	hing methods:								
Practica activitie	I engineering s and works b	work in a g eing done	graphic c during th	ompany. Consultat ne professional prac	tions and v	writing a diary of professi	ional practice, in wh	ich a student	describes
				Knowledge e	valuation	(maximum 100 points)			
	Pre-examina	ation obliga	tions	Mandatory	Points	Final ex	kam	Mandatory	Points
						Complex exercises		Yes	70.00
						Oral part of the exam		Yes	30.00
					Litera	ature			
Ord.	A	uthor			Title		Publish	er	Year
1,	Novaković D		l	Jpustvo za izvođen	je stručne	prakse	FTN Grafičko inženjerstvo i dizain		2004



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



Study Programme Accreditation

UNDERGRADUATE ACADEMIC STUDIES

Graphic Engineering and Design

Table 5.2 Course specification

Course:								
Course id:	F309ZR		Bachelor Thesis					
Number of ECTS:	15							
Teachers:								
Course status:		Mandato	Mandatory					
Number of active teac	hing classe	es (weekly	()		-			
Lectures:	Practical	classes:	Other teaching types:	Study research work:	Other classes:			
0	()	0	0	10			
Precondition courses	-		None		-			

1. Educational goal:

Application of basic acquired knowledge and methods in solving practical problems within the selected area. Students investigate the problem, its structure and complexity, and based on conducted analysis, they draw conclusions on the possible modes of solving. Researching the literature, students are introduced to the methods for solving similar tasks, and the practice in their solving. Obtaining the knowledge on modes, structure and form of writing a report after the conducted analyses and other activities within the set topic of the final thesis. By elaborating the final thesis, students acquire experience for writing their theses where it is necessary to describe problems, conducted methods and procedures, as well as results obtained. Furthermore, the objective of elaborating and defending the final thesis is to develop the ability to use the results of individual work and prepare it in an adequate form to be publicly presented,

2. Educational outcomes (acquired knowledge):

Enabling students for individual application of the previously obtained knowledge in diverse fields being studied in order to observe the structure of the set problem and approach the systematic analysis to draw conclusions on possible directions of its solving. By individually using the literature, students expand their knowledge in the selected field and research diverse methods and theses related to similar problems. By individually researching and solving tasks in the given area, students acquire knowledge on the complexity of the problems in their professional field. By elaborating the Bachelor thesis, students acquire certain experiences that can be applied in practice while solving problems in their professional field. By preparing the results for public defence, in the public defence and on answering questions and comments presented by the committee, students acquire necessary experience on the manners of practically presenting results of an individual or team work.

3. Course content/structure:

Formed for each student in particular, in accordance with the demands and the area enclosed within the set task of the final thesis. The student, in agreement with the mentor, completes the final thesis in the written form in accordance with the regulations of the Faculty of Technical Sciences. The student prepares and defends the written final thesis in public, in agreement with the mentor and in accordance with the prescribed standards. Student researches the professional literature, specialization and final thesis dealing with the same topic, performs analyses in order to find the solution to the concrete task defined in the task of the final thesis.

4. Teaching methods:

The mentor of the final thesis sets the task of the final thesis and presents it to the student. Student is obliged to elaborate the final thesis within the set task defined in the task of the Bachelor thesis. During the elaboration of the final thesis, mentor can provide additional instructions to the student, direct to certain literature and additionally direct in order to have a more qualitative final thesis. Within the theoretical part of the final thesis, student has consultations with the mentor, and if needed, with other teachers dealing with the topics related to the topic of the Bachelor thesis. Within the set topic, if needed, student can conduct certain measuring, researching, counting, surveying and the like, if it is predicted by the final thesis task. Student completes the final thesis and on obtaining the agreement of the committee for evaluation and defence, provides bounded copies to the committee. The defence of the Bachelor thesis is public, and the student has the o

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			



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Study Programme Accreditation

UNDERGRADUATE ACADEMIC STUDIES

Graphic Engineering and Design

Table 5.2 Course specification

Course id: EJF6 English Language for GRID 2 Number of ECTS: 2									
Number of ECTS: 2									
Teachers: Bogdanović Ž. Vesna, Gak M. Dragana, Katić M. Marina, Ličen S. Branislava, Mirović Đ. Ivana, Š F. Jelisaveta	Bogdanović Ž. Vesna, Gak M. Dragana, Katić M. Marina, Ličen S. Branislava, Mirović Đ. Ivana, Šafranj F. Jelisaveta								
Course status: Elective									
Number of active teaching classes (weekly)	Number of active teaching classes (weekly)								
Lectures: Practical classes: Other teaching types: Study research work: Other class	ses:								
2 0 0 0 0 0									
Precondition courses									
1. Educational goal:									
Improvement of the English for specific purposes. Students continue to read professional and scientific texts from diverse areas re graphic engineering in order to adopt professional terminology in accordance with the definitions, classifications, terminology and adopted in contemporary European and worldwide standards. They expand the English language knowledge by expandir vocabulary. They learn more complex language structures and the usage of relative clauses.	Improvement of the English for specific purposes. Students continue to read professional and scientific texts from diverse areas related to graphic engineering in order to adopt professional terminology in accordance with the definitions, classifications, terminology and notions adopted in contemporary European and worldwide standards. They expand the English language knowledge by expanding their vocabulary. They learn more complex language structures and the usage of relative clauses.								
2. Educational outcomes (acquired knowledge):									
Enabling students to acquire enough adequate knowledge and skills on the professional level, in order to have the ability fo communication with clients, colleagues and employers in the English language.	or equal								
3. Course content/structure:									
Professional texts in the following fields: colour, printing technologies, competition, ink, printing presses and their parts, te specifications, graphs, printing in the future.	echnical								
4. Teaching methods:									
The communication method is used. After a short introduction into a certain topic, students read the text for themselves. It is follow discussion on the topics written in the text and on the conclusions that the text offers. A part of the class is dedicated to adopt practicing new vocabulary using oral and written exercises, as well as repeating and expanding knowledge on individual gram forms. Students are encouraged for group work and mutual discussion where they communicate in the English language.	ved by a ting and nmatical								
Knowledge evaluation (maximum 100 points)									
Pre-examination obligations Mandatory Points Final exam Mandatory	Points								
Test Yes 10.00 Written part of the exam - tasks and theory Yes	40.00								
Test Yes 10.00 Oral part of the exam Yes	30.00								
Ord Author Title Publicher	Vear								
Vesna Bogdanović, Ivana Eveletiticaji o za restitut v statu v Fakultet tehnickih nauka. Novi									
1, Mirović Engleski jezik 2 za grafičko inzenjerstvo i dizajn Sad 2	2007								
2, Branko Vukičević Rečnik štamparstva i izdavaštva Jezikoslovac, Beograd 2	2005								



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Study Programme Accreditation

UNDERGRADUATE ACADEMIC STUDIES

Graphic Engineering and Design

Table 5.2 Course specification

Course:					_		_		
Course	id:	NJ06			Germ	nan Language fo	or GRID 2		
Number	of ECTS:	2							
Teache	rs:		Berić B. An	drijana, Jović E	D. Miomira	I			
Course	status:		Elective						
Number	Number of active teaching classes (weekly)								
L	ectures:	Practical	classes:	Other teachi	ng types:	Study resea	arch work:	Other cla	asses:
	2	0		0		0		0	
Precond	lition courses	-	-						
1. Educ	ational goal:								
Improvii	ng the vocabu	lary related	to complex	everyday situa	tions, as v	vell as mastering complex	c language structures	i_	
2. Educ	ational outcom	nes (acquire	ed knowledge	e):					
Student any diffi	s have master culties.	red both ora	al and writte	n language in a	a wide spe	ectre of everyday situatio	ns. They understand	a listened te	ext without
3. Cours	se content/stru	icture:							
Practica course: words a	al part of the c causal, effect nd prepositior	ourse: mas and conditi ns, passive,	tering the de onal clauses alternative f	escription of ex s; prepositions forms for passi	veryday, c , conjunct ive, partici	complex situations, both o ive 2; final, adversative, o iples, relative clauses.	orally and in writing. concessive and moda	Theoretical p al linking wore	oart of the ds; linking
4. Teac	hing methods:								
Emphas interact	sis is on the ion is essent	communica ial. There a	ation metho are also a c	d, and hence certain numbe	on stude r of gram	nts` activity during the output of the outpu	class. During the co o teaching content.	mmunicatio	n, mutual
				Knowledge e	evaluation	(maximum 100 points)			
	Pre-examina	ation obligat	ions	Mandatory	Points	Final ex	kam	Mandatory	Points
Test				Yes	10.00	Written part of the exam	 tasks and theory 	Yes	35.00
Test			Yes	10.00	Oral part of the exam		Yes	35.00	
Test				Yes	10.00				
					Liter	ature			
Ord.	A	uthor			Title	;	Publishe	er	Year
1,	Michaela Pe Susanne Sch	rlmann-Bal walb	me, Em	Hauptkurs (Lel	ktion 5-Le	ktion 8)	Hueber Verlag		2000

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



Study Programme Accreditation

UNDERGRADUATE ACADEMIC STUDIES

Graphic Engineering and Design

Standard 06. Programme Quality, Contemporaneity and International Compliance

The study programme is consistent with the modern world's scientific developments and the status of the profession, and comparable to similar programmes in foreign higher education institutions. The study programme of the Bachelor academic studies in Graphic Engineering and Design is designed to be complete and comprehensive and offers students the latest knowledge in this field. The study programme in Bachelor academic studies in Graphic Engineering and Design is comparable to and in compliance with:

1.Faculty for Graphic Engineering, Zagreb, Croatia

2. Faculty for Graphic Engineering, Chemnitz, Germany

3. Faculty for Graphic Engineering, Stuttgart, Germany

4. Faculty for Graphic Engineering, Ljubljana, Slovenia

5. Faculty for Graphic Engineering, Bitola, FYR Macedonia



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

Study Programme Accreditation

Graphic Engineering and Design

Standard 07. Student Enrollment

UNDERGRADUATE ACADEMIC STUDIES

Faculty of Technical Sciences, in accordance with social demands and its resources, enrols certain number of students to the undergraduate academic studies in Graphic Engineering and Design, as budget financed or self financed students, which is defined by the special decision of the teaching and research faculty council and the founder. Student selection and enrolment of the applied candidates is based on their success in the previous education and entrance examination defined by the Rules of student enrolment to the study programmes.

Students from other study programmes, as well as individuals, who completed different undergraduate academic studies, may enrol to this study programme. Thereby the Evaluation Committee evaluates the passed examinations and other student activities relevant for the enrolment, and based on the recognized number of credits, determines the year of study on which the student may enrol. Passed courses and evaluation of activities are thereby recognized fully, partially (the committee may require adequate supplement), or are not recognized at all.



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

Study Programme Accreditation

Graphic Engineering and Design



Standard 08. Student Evaluation and Progress

UNDERGRADUATE ACADEMIC STUDIES

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

Students master the study programme by taking examinations and thus obtaining a certain number of ECTS credits, in accordance with the study programme. Each course within the programme is worth a certain number of ECTS credits which students obtain by successfully passing the course examination. The number of ECTS credits is based on the quantity and quality of work students are required to submit during a certain course and on the Faculty of Technical Sciences` unique methodology for all study programmes. Students` success in mastering a certain course is constantly monitored during classes and is expressed in points. Maximum number of points obtained in a course is 100.

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

Each course at the study programme has a clear and transparent mode of obtaining points. There are several ways students can obtain points: by participating in different activities during classes, by fulfilling the course prerequisites and by passing the course examination.

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

Advancement of students during education is defined by the Rules of Studying at the Undergraduate Academic Studies.



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Study Programme Accreditation

Graphic Engineering and Design

Standard 09. Teaching Staff

For the realization of the study programme of the undergraduate academic studies in Graphic Engineering and Design, there is teaching staff with necessary professional and scientific qualifications.

The number of lecturers coincides with the demands of the study programme and depends on the number of courses they lecture and the number of classes at these courses. The total number of teachers is sufficient to cover the total number of classes on the study programme, so each teacher has an average of 180 active classes (lectures, tutorials, practice classes, field classes) per year, i.e. 6 classes per week.

The number of associates corresponds to the needs of the study programme. Total number of associates at the study programme is sufficient for the realization of total number of classes in the programme, so that the associates have average 300 classes of active teaching annually, that is, 10 classes per week on average.

Scientific and professional qualifications of the teaching staff relate to the educational and scientific field and the level of their participation. Each teacher has adequate references from the narrow scientific or professional field in which they lecture on the study programme. All data on teachers and associates (CV, titles obtained, references) are available to the public.

The size of the lecture group is determined in accordance to the number of students in the academic year. Practice groups are formed according to the type of the practice, computer practice are up to 16 students, and laboratory practice groups are up to 12 students.



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



Study Programme Accreditation

UNDERGRADUATE ACADEMIC STUDIES

Graphic Engineering and Design

Nam	e and last n	ame:				Aleksić Ž. Mil	Aleksić Ž. Milan			
Acad	emic title:					Full Professor				
Nam starti	e of the inst ng date:	itution v	where the te	acher works full tir	me and	-				
Scier	ntific or art f	ield:				Art Applied to	Architectur	e, Technics and Design		
Acad	emic carie	er	Year	Institution				Field		
Acad	emic title e	ection:	2012	Faculty of Philolo	ogy and	Arts - Kragujev	/ac	Art Applied to Architecture, Technics and Des	sign	
Magi	ster thesis		1989	Essex university	- Nepoz	znato		Fine Arts		
Bach	elor's thesis	S	1982	University of Belg	grade -	Beograd		Mechanical Engineering		
List c	of courses b	eing he	ld by the te	acher in the accred	dited stu	udy programme	s			
	ID	Course	e name				Study programme name, study type			
1.	F504I3	Photog	graphy				(F00) Gra Academic	phic Engineering and Design, Undergraduate Studies		
2.	A603	Photog	graphy and	architecture			(A00) Architecture, Undergraduate Academic Studies			
3.	ASI17D	I17D Photography in Scenic Design				(AS0) Scenic Architecture, Technique and Design, Undergraduate Academic Studies				
4.	ASO11	Photography in Scenic Design				(AS0) Sce Undergrad	enic Architecture, Technique and Design, uate Academic Studies			
5	SD01					(A00) Arch	nitecture, Doctoral Academic Studies			
J.	3001	ocenic	, prienomer		anto		(AS0) Sce	nic Design, Doctoral Academic Studies		
Rep	presentative	reffere	nces (minin	num 5, not more th	an 10)					
1.	Samosta	na izlož	ba, Mrtva p	riroda, Muzej savro	emene	umetnosti, Sko	plje 1993			
2.	Samosta	na izlož	ba, Loše od	državanje, Muzej p	rimenje	ene umetnosti, l	Beograd 20	06		
3.	Samosta	na izlož	ba, Mrtva p	riroda, Salon muze	eja savr	emene umetno	osti, Beogra	d 1994		
4.	Grupna iz	zložba, l	3lizu i dalek	o, Fotografska gal	erija, Lo	ondon 1999				
5.	Grupna iz	zložba, () normalno	sti, umetnost u Srt	oiji 1989)-2001, Muzej s	savremene i	umetnosti, Beograd 2005		
6.	Knjiga, L	oše održ	źavanje, MF	U Beograd 2006						
7.	Umetničk	i direkto	or galerije A	rtget, Beogradski k	ulturni	centar, 2006-2	007			
8.	Samosta	na izlož	ba, Floating	g Gallery, Winnipeg	g, Cana	ida, 2001				
9.	Samosta	na izlož	ba, Hartell	Gallery, Ithaca, US	SA, 198	9				
10.	Radovi u	kolekcij	i Muzeja sa	vremene umetnos	ti, Beog	Irad				
Sur	nmary data	for teac	her's scien	ific or art and profe	essiona	l activity:				
Quot	ation total :				0					
Total	of SCI(SS	CI) list p	apers :		0					
Curre	ent projects	:			Dome	estic :	0	International: 0		



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



Study Programme Accreditation

UNDERGRADUATE ACADEMIC STUDIES

Graphic Engineering and Design

Name and last name: Atanackovi					Atanacković-	ć-Jeličić T. Jelena			
Acad	emic title:				Associate Pro	ssociate Professor			
Name of the institution where the teacher works full time and Facult					Faculty of Tee	f Technical Sciences - Novi Sad			
Scientific or ort field:			17.09.2001 A rehite sture	2001					
Acad		ieia. ar	Voar	Institution	Architectural-	Urbanistic F	Field		
Acau		51	IEdi				Architectural I Irbanistic Planning Design and		
Acad	emic title el	ection:	2012	Faculty of Technical Sci	ences - Novi Sa	ad	Theory		
PhD	thesis		2007	Faculty of Technical Sci	ences - Novi Sa	ad	Architectural-Urbanistic Planning, Design and Theory		
Magi	ster thesis		2005	Faculty of Technical Sci	ences - Novi Sa	ad	Architectural-Urbanistic Planning, Design and Theory		
Bach	elor's thesis	6	2001	Faculty of Technical Sci	ences - Novi Sa	ad	Architectural-Urbanistic Planning, Design and Theory		
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.	A371	Archite	ectural Desi	gn 3		(A00) Arcl	hitecture, Undergraduate Academic Studies		
2.	F412l2	Desigr	n for all			(F00) Gra Academic	phic Engineering and Design, Undergraduate Studies		
3.	A231	Housir	ng 1			(A00) Arcl	hitecture, Undergraduate Academic Studies		
4.	A341	Housir	ng 2			(A00) Arcl	hitecture, Undergraduate Academic Studies		
5.	A363	Interio	r Design 1			(A00) Arcl	hitecture, Undergraduate Academic Studies		
6.	A602	Conter archite	mporary the ecture, urba	ories and technologies ap nism and design	oplied to	(A00) Arcl	hitecture, Undergraduate Academic Studies		
7.	A801	Synthesis project				(A00) Arcl	hitecture, Undergraduate Academic Studies		
8.	ASI282	Interior design				(AS0) Sce Undergrad	enic Architecture, Technique and Design, luate Academic Studies		
9.	ASI331	Design for all in arts and culture				(AS0) Sce Undergrad	enic Architecture, Technique and Design, luate Academic Studies		
10.	RPR007	Strate	gic Manage	ment in Urban Planning		(RPR) Re Master Aca	gional Development Planning and Management, ademic Studies		
11.	RPR012	City M	anagement			(RPR) Re Master Aca	(RPR) Regional Development Planning and Management, Master Academic Studies		
12.	A010S	Conter selecte	mporary the ed chapters	ories in architecture and u	urbanism-	(A00) Architecture, Specialised Academic Studies			
13.	A118S	Conter urbani	mporrary te sm	chnologies applied to arch	nitecture and	(A00) Architecture, Specialised Academic Studies			
14.	AE03	Interio	r Design			(AH0) Architecture, Master Academic Studies			
15.	AT04	Conter	mporary the	eories and technologies ap	oplied to	(AD0) Digital Techniques, Design and Production in Architecture and Urban Planning, Master Academic Studies			
		aronne				(AH0) Architecture, Master Academic Studies			
16.	AT05	Conter archite	mporary the ecture, urba	eories and technologies ap nism and design 2	oplied to	(AH0) Arch	nitecture, Master Academic Studies		
17.	AUP05	Interio	r Design 3			(AH0) Arch	nitecture, Master Academic Studies		
18.	A010	Conter selecte	mporary the ed chapters	eories in architecture and u	urbanism-	(A00) Arcl	hitecture, Doctoral Academic Studies		
19.	A118	Conter urbani	mporary teo sm	hnologies applied to arch	itecture and	(A00) Arcl	hitecture, Doctoral Academic Studies		
Rep	presentative	reffere	nces (minin	num 5, not more than 10)					
1.	Štulic, Ra revolutior	adovan; n, Journa	Atanackovi al Facta Un	ć, Jelena: Implementation iversitatis, 2003, Vol. 2, N	of computer te o. 5, str. 379- 3	chnologies 385	in descriptive geometry teaching: surfaces of		
2.	Atanacko Ockham) 908463-1	vić-Jelič , U: Dac -3. str.	čić, J: O odr lić-Dinulovi 182- 202.	živom razvoju, kutijama i ć, T: Srbija: Moj slučaj/ Se	Vilijemu Okamı erbia: My Case,	u (On sustai Beograd: C	inable development, boxes and William of Clio, British Council Serbia, 2008, ISBN 978-86-		
3.	Reba, D; Univerzite	Dinulov et u Nov	rić, R; Atana vom Sadu, 2	acković Jeličić, J; Kostreš, 2011, ISBN 978-86-7892-3	M: Now/Sada: 365-4	Teaching by	y Design/Italy Now, Fakultet tehničkih nauka,		
4.	Kostreš, I Engineer	M; Mara ing, Vol.	ıš, I; Atanac . 5, No. 1, 2	ković Jeličić, J: Re-viewin 007, pp. 77-85, ISSN 035	ig Cityscapes, I 4 – 4605	Facta Unive	rsitatis, Series: Architecture and Civil		

4	TAS STUR		UNIVERSITY OF NOVI SAD							
NA COR		FACULTY OF TECHNICAL SCI	FACULTY OF TECHNICAL SCIENCES 21000 NOVI SAD, TRG DOSITEJA OBRADOVIĆA 6							
NO. NEO	ANTEN STANTEN	Study P	Programme A	ccreditatic	DN Engineering and Design	-CAL				
Re	presentative re	efferences (minimum 5, not more th	an 10)		P					
 Kostreš, M; Maraš, I; Atanacković Jeličić, J: "Design Tool for Making Meaning - Rebuilding "the Lost Communities" on the Outskirts of the Cities in Serbia", BDC Journal – Bollettino del Dipartimento do Conservazione dei Beni Archiutettonici ed Ambientali, Universita degli Studi di Napoli Federico II, Vol. 9, No. 1, 2009, pp. 82-92, ISSN 1121-2918 										
6.	Glavni arhit 2012); deo Dorić, dr Da katalogom	ektonsko/građevinski projekat Cent projektantskog tima u sastavu: Igor arko Reba; Prikazano na međunaro Now/Sada:Teaching by Design/Italy	ralne zgrade Univerzit Maraš, dr Jelena Atar dnoj izložbi ""NOW/SA Now, str. 7-10, ISBN	eta u Novom Sad nacković Jeličić, n "DA" (8-26. decen 978-86-7892-365	lu (projektovan 2008, u izvo nr Milica Kostreš, Marko To nbar 2011. godine) sa dvoj i-4	ođenju 2011- odorov, Marija ezičnim				
7.	 Otkupna nagrada na međunarodnom konkursu za zgradu Muzeja savremene umetnosti Vojvodine, deo projektantskog tima u sastavu Jelena Atanacković Jeličić, Stanislav Grgić, Emir Hadžiahmetović, Ivana Miškeljin, Bojana Miškeljin, Marko Todorov. Prikazano u dvojezičnom katalogu izložbe pristiglih radova na konkurs (67 konkursnih rešenja, iz 11 zemalja centralne i jugoistočne Evrope) New Museum-The Museum of Contemporary Art Vojvodina, Project Exhibition: Architectural Design for a New Building of the Museum of Contemporary Art Vojvodina, January 27-Jun 27, 2007, MOCAV 033 i prikazano na međunarodnoj izložbi ""NOW/SADA" (8-26. decembar 2011. godine) sa dvojezičnim katalogom Now/Sada:Teaching by Design/Italy Now, str. 55-58, ISBN 978-86-7892-365-4. Sastav međunarodnog žirija: Odile Seyler (Francuska), Živko Grozdanić (direktor Muzeja savremene umetnosti Vojvodine), prof. dr Kokan Grčev (Društvo arhitekata Makedonije), mr Tomaž Kancler 									
8.	Zeković, M; - The studi	Konstantinović, D; Atanacković-Jel o of Architecture, 2007, Faculty of A	ličić, J: Architectural D Architecture, University	esign - as it is tau ⁄ of Cluj, Romania	ight at the Department of A a, http://www.utcluj.ro/logia/	rchitecture, logiA index_en.html				
9.	Aerodrom Čenej, idejno rešenje, maketa i prezentacija. Autorski tim: Todorov Marko, Miškeljin Ivana, Tihomir Janjušević, Dejan Ecet, Radomir Kojić, Igor Maraš, Jelena Atanacković Jeličić. Izložba u holu zgrade Vlade Vojvodine, od 4.511.5.2012. Prikazano u "Aerodrom Čenej- prateća publikacija", Departman za arhitekturu i urbanizam, Fakultet tehničkih nauka, Novi Sad, 2012, ukupno strana 47. ISBN 987-7892-398-2. dostuono i na http://arhns.com									
10.	Izložba: Ata kulture, Doi	nacković-Jeličić, J; Grgić, S; Hadžia m omladine, Galerija "Magacin", 23.	ahmetović, E; Miškeljir . februar - 1. mart, Bec	n, B; Miškeljin, I; T grad, 2008.	Fodorov, M: Kutija - mikrosv	vet nacionalne				
Su	mmary data fo	r teacher's scientific or art and profe	essional activity:							
Quot	tation total :	list sources t	0							
Tota	I OT SCI(SSCI)	list papers :	U Domestic :	0	International ·					
Guili	eni projecis .		Domestic.	v	international .	<u>۷</u>				



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



Study Programme Accreditation

UNDERGRADUATE ACADEMIC STUDIES

Graphic Engineering and Design

Nam	Name and last name:				Berić B. Andrijana				
Acad	emic title:				Lecturer				
Nam	e of the inst	itution v	vhere the te	acher works full time and	Faculty of Technical Sciences - Novi Sad				
starting date:			04.11.2004						
Scientific or art field:				German					
Acad	emic cariee	er	Year	Institution			Field		
Acad	emic title el	ection:	2010	Faculty of Technical Sci	ences - Novi Sa	ad	German		
Mast	er's thesis		2009	Faculty of Philology - Be	eograd		German		
Bach	elor's thesis	6	2003	Faculty of Philosophy - N	Novi Sad		German		
List c	of courses b	eing he	ld by the tea	acher in the accredited stu	udy programme	S			
	ID	Course	e name			Study pro	gramme name, study type		
1.	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) Graj Academic	phic Engineering and Design, Undergraduate Studies		
						(A00) Arch	nitecture, Undergraduate Academic Studies		
						(AS0) Sce Undergrad	enic Architecture, Technique and Design, uate Academic Studies		
		German Language – Elementary				(F00) Graj Academic	phic Engineering and Design, Undergraduate Studies		
2	NJ01Z				(Z01) Safety at Work, Undergraduate Academ		ety at Work, Undergraduate Academic Studies		
э.						(ZC0) Clea Academic	an Energy Technologies, Undergraduate Studies		
						(ZP0) Disa Undergrad	aster Risk Management and Fire Safety, uate Academic Studies		
						(Z20) Environmental Engineering, Undergraduate Academ Studies			
					 (F00) Graphic Engineering and Design, Undergraduate Academic Studies (G00) Civil Engineering, Undergraduate Academic Studies (M20) Mechanization and Construction Engineering, Undergraduate Academic Studies 		phic Engineering and Design, Undergraduate Studies		
							/il Engineering, Undergraduate Academic Studies		
							chanization and Construction Engineering, uate Academic Studies		
						(M30) Ene Academic	ergy and Process Engineering, Undergraduate Studies		
					(M40) Technical Mechanics and Technical Design, Undergraduate Academic Studies		chnical Mechanics and Technical Design, uate Academic Studies		
	NUCCI	0				(P00) Proo Studies	duction Engineering, Undergraduate Academic		
4.	NJUZL	Germa	an Languag	e – Pre-Intermediate		(S00) Traf Academic	fic and Transport Engineering, Undergraduate Studies		
						(S01) Pos Undergrad	tal Traffic and Telecommunications, uate Academic Studies		
						(Z01) Safe	ety at Work, Undergraduate Academic Studies		
						(ZC0) Clea Academic	an Energy Technologies, Undergraduate Studies		
						(ZP0) Disa Undergrad	ZP0) Disaster Risk Management and Fire Safety, Indergraduate 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 o	ist of courses being held by the teacher in the accredited study programmes								
	ID	Course name	Study programme name, study type						
5.		German Language – Intermediate	(F00) Graphic Engineering and Design, Undergraduate Academic Studies						
			(S00) Traffic and Transport Engineering, Undergraduate Academic Studies						
	NJ03Z		(S01) Postal Traffic and Telecommunications, Undergraduate Academic Studies						
			(Z01) Safety at Work, Undergraduate Academic Studies						
			(Z20) Environmental Engineering, Undergraduate Academic Studies						
		German Language – Upper-Intermediate	(AS0) Scenic Architecture, Technique and Design, Undergraduate Academic Studies						
			(F00) Graphic Engineering and Design, Undergraduate Academic Studies						
6.	NJ04L		(M20) Mechanization and Construction Engineering, Undergraduate Academic Studies						
			(Z01) Safety at Work, Undergraduate Academic Studies						
			(Z20) Environmental Engineering, Undergraduate Academic Studies						
7.	NJ05	German Language for GRID 1	(F00) Graphic Engineering and Design, Undergraduate Academic Studies						

			(Z20) Environmental Engineering, Undergraduate Academic Studies
7.	NJ05	German Language for GRID 1	(F00) Graphic Engineering and Design, Undergraduate Academic Studies
8.	NJ06	German Language for GRID 2	(F00) Graphic Engineering and Design, Undergraduate Academic Studies
			(E20) Computing and Control Engineering, Undergraduate Academic Studies
			(F10) Engineering Animation, Undergraduate Academic Studies
9.	NJ1L	German Language - Elementary	(GI0) Geodesy and Geomatics, Undergraduate Academic Studies
			(SE0) Software Engineering and Information Technologies, Undergraduate Academic Studies
			(SEL) Software Engineering and Information Technologies - Loznica, Undergraduate Academic Studies
			(H00) Mechatronics, Undergraduate Academic Studies
			(S00) Traffic and Transport Engineering, Undergraduate Academic Studies
10.	NJT1	German Language for Engineers 1	(S01) Postal Traffic and Telecommunications, Undergraduate Academic Studies
			(Z20) Environmental Engineering, Undergraduate Academic Studies
11.	SSIP22	German Language for Engineers 1	(E01) Power Engineering - Renewble Sources of Electrical Energy, Undergraduate Professional Studies
12.	NJ01Z	Nemački jezik - osnovni(uneti naziv na engleskom)	(Z20) Environmental Engineering, Undergraduate Academic Studies
13.	NJ02L	Nemački jezik - niži srednji(uneti naziv na engleskom)	(Z20) Environmental Engineering, Undergraduate Academic Studies
14.	NJ03Z	Nemački jezik - srednji(uneti naziv na engleskom)	(Z20) Environmental Engineering, Undergraduate Academic Studies
15.	NJ04L	Nemački jezik - napredni srednji(uneti naziv na engleskom)	(Z20) Environmental Engineering, Undergraduate Academic Studies
16.	NJT1	Nemački jezik u tehnici 1(uneti naziv na engleskom)	(Z20) Environmental Engineering, Undergraduate Academic Studies
17		Cormon Longuago - Dro Intermediate	(I10) Industrial Engineering, Undergraduate Academic Studies
17.	NJU2L	German Language – Fre-Internediate	(I20) Engineering Management, Undergraduate Academic Studies
19		Cormon for Specific Burnesse	(I10) Industrial Engineering, Undergraduate Academic Studies
10.	INJIIIVI		(120) Engineering Management, Undergraduate Academic

5	AS STUR		UNIVERSITY OF NO	VI SAD		WIKHX H.	
AN A	NULL DION	FACULTY OF TECHNICAL SCI	ENCES 21000 NOVI	SAD, TRG DOSIT	EJA OBRADOVIĆA 6	STATE	
20000		Study F	Programme A	ccreditation			
.0t	LANTEN	UNDERGRADUATE ACADEMIC	STUDIES	Graphic	Engineering and Design	HOS	
List of courses being held by the teacher in the accredited study programmes							
	ID	Course name		Study programme name, study type			
19.	F508	German Language for GRID 3		(F00) Graphic E Studies	ngineering and Design, Mas	ter Academic	
20.	nja	German Language in Architecture		(AH0) Architectu	re, Master Academic Studies	S	
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.	Prevod: A Umgebur	Arbeitszenarien und Optimierung von ang (u toku)	Abläufen und Steueru	ng von selbstorga	nisierenden Bionic Assembly	y System in CIM	
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	ent projects	:	Domestic :	0	International :	0	



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



Study Programme Accreditation

UNDERGRADUATE ACADEMIC STUDIES

Graphic Engineering and Design

Name and last name:					Bogdanović Ž. Vesna			
Acad	lemic title:				Senior Lecturer			
Nam	e of the inst	itution w	vhere the te	acher works full time and	Faculty of Teo	chnical Scie	nces - Novi Sad	
starti	ng date:				15.12.1999			
Scier	ntific or art f	ield:			English			
Acad	lemic cariee	er	Year	Institution			Field	
Academic title election: 2009 Faculty of Technical So					ences - Novi Sa	ad	English	
Magi	ster thesis		2007	Faculty of Philosophy - N	Novi Sad		English	
Bach	elor's thesis	S	1999	Faculty of Philosophy - N	Novi Sad		English	
List o	of courses b	eing he	ld by the tea	acher in the accredited stu	idy programme	S		
	ID	Course	e name			Study pro	gramme name, study type	
1.	AEJ1L	Englis	h Language	- 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	- upper intermediate		(A00) Arch	nitecture, Undergraduate Academic Studies	
						(G00) Civi	l Engineering, Undergraduate Academic Studies	
						(M20) Mee Undergrad	chanization and Construction Engineering, uate Academic Studies	
5.		English Language – Elementary				(M30) Ene Academic	ergy and Process Engineering, Undergraduate Studies	
	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		
						(E10) Power, Electronic and Telecommunication Engineering, Undergraduate Academic Studies		
		English Language - Elementary				(F00) Graphic Engineering and Design, Undergraduate Academic Studies		
						(MR0) Measurement and Control Engineering, Undergraduate Academic Studies		
6.	EJ01Z				(Z01) Safety at Work, Undergraduate Academic Studie			
						(ZC0) Clean Energy Technologies, Undergraduate Academic Studies		
					(ZP0) Underg		(ZP0) Disaster Risk Management and Fire Safety, Undergraduate Academic Studies	
						(Z20) Environmental Engineering, Undergraduate Academic Studies		
						(E10) Pow Engineerin	ver, Electronic and Telecommunication g, Undergraduate Academic Studies	
						(F00) Gra Academic	phic Engineering and Design, Undergraduate Studies	
						(M20) Meo Undergrad	chanization and Construction Engineering, uate Academic Studies	
7.	EJ02L	Englisł	English Language – Pre-Intermediate			(MR0) Measurement and Control Engineering, Undergraduate Academic Studies		
			-			(Z01) Safe	ety at Work, Undergraduate Academic Studies	
						(ZC0) Clean Energy Technologies, Undergraduate Academic Studies		
					(ZP0) Disaster Risk Management and Fire Safet Undergraduate Academic Studies		aster Risk Management and Fire Safety, uate Academic Studies	
						(Z20) Envi Studies	ronmental Engineering, Undergraduate Academic	

ALANTAS STUDIORUM

UNIVERSITY OF NOVI SAD

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



Study Programme Accreditation

UNDERGRADUATE ACADEMIC STUDIES

Graphic Engineering and Design

List 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
	E 1007		(I20) Engineering Management, Undergraduate Academic Studies
8.	EJ02Z	English Language – Pre-Intermediate	(S00) Traffic and Transport Engineering, Undergraduate Academic Studies
			(S01) Postal Traffic and Telecommunications, Undergraduate Academic Studies
			(F00) Graphic Engineering and Design, Undergraduate Academic Studies
			(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
10.	EJ04L		(Z01) Safety at Work, Undergraduate Academic Studies
		English Language – Upper Intermediate	(E10) Power, Electronic and Telecommunication Engineering, Undergraduate Academic Studies
			(Z20) Environmental Engineering, Undergraduate Academic Studies
			(E20) Computing and Control Engineering, Undergraduate Academic Studies
			(ES0) Power Software Engineering, Undergraduate Academic Studies
		English Language - Elementary	(F10) Engineering Animation, Undergraduate Academic Studies
11.	EJ1Z		(GI0) Geodesy and Geomatics, Undergraduate Academic Studies
			(SE0) Software Engineering and Information Technologies, Undergraduate Academic Studies
			(SEL) Software Engineering and Information Technologies - Loznica, Undergraduate Academic Studies
			(AH0) Architecture, Master Academic Studies
			(E20) Computing and Control Engineering, Undergraduate Academic Studies
			(F10) Engineering Animation, Undergraduate Academic Studies
12.	EJ2L	English Language – Intermediate	(GI0) Geodesy and Geomatics, Undergraduate Academic Studies
			(SE0) Software Engineering and Information Technologies, Undergraduate Academic Studies
			(SEL) Software Engineering and Information Technologies - Loznica, Undergraduate Academic Studies



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



Study Programme Accreditation

UNDERGRADUATE ACADEMIC STUDIES

List o	ist of courses being held by the teacher in the accredited study programmes						
	ID	Course name	Study programme name, study type				
			(E20) Computing and Control Engineering, Undergraduate				
			(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				
22		English Languago ESD Course	(M30) Energy and Process Engineering, Undergraduate Academic Studies				
23.	LJIVI		(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

Graphic Engineering and Design

List 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
			(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 inženjer	stvo i dizajn 1, FTN Izdavaštvo, Novi Sad, 2007.
3.	Ivana Mir	ović, Vesna Bogdanović, Engleski jezik 2 za grafičko inženi	erstvo i dizajn, FTN Izdavaštvo, Novi Sad. 2008
4	Vesna M	arković. English in Civil Engineering. drugo izdanie FTN Izo	lavaštvo. Novi Sad. 2008.
5.	Universit	y of Novi Sad, Faculty of Technical Sciences, prevele: Marir ovi Sad, 2004.	na Katić, Vesna Marković, Ivana Mirović, Fakultet tehničkih
6.	Mr Vesna	a Bogdanović, Pačvork romani Alis Voker i Toni Morison, Be	eograd: Zadužbina Andrejević, 2009, ISBN 978-86-7244-743-9
7.	Bogdano predznar	vić Vesna, Mirović Ivana, Ličen Branislava, Kreiranje udžbe ija, Zbornik radova međunarodne konferencije Jezik struke -	nika za stručni engleski jezik za studente različitog – teorija i praksa, DSJKS, Beograd, 2008: 445-454
8.	Mirović Iv radova m	vana, Bogdanović Vesna, Ličen Branislava, Istorijat nastave jeđunarodne konferencije Jezik struke – teorija i praksa, DS	stručnog engleskog jezika na FTN-u u Novom Sadu, Zbornik JKS, Beograd, 2008: 170-176

AUSTIAS STUDIO			UNIVERSITY OF NO	VI SAD		WHENX M.	
		FACULTY OF TECHNICAL SCIENCES 21000 NOVI SAD, TRG DOSITEJA OBRADOVIĆA 6					
NO. 76		Study F	Con Con				
.0	PLANTEN	UNDERGRADUATE ACADEMIC	STUDIES	Graphic	Engineering and Design	HOS	
Re	presentative r	efferences (minimum 5, not more th	nan 10)				
9.	Bulatović V konferencij	′esna, Gak Dragana, Bogdanović V 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.	Gak Draga Zbornik rac	na, Bulatović Vesna, Bogdanović V lova međunarodne konferencije Jez	esna, Poređenje nasta zik struke – teorija i pra	ive engleskog jez iksa, DSJKS, Bec	ika na privatnom i državnon ograd, 2008: 705-712	n fakultetu,	
Summary data for teacher's scientific or art and professional activity:							
Quotation total :			0				
Total of SCI(SSCI) list papers :			0				
Current projects :			Domestic :	0	International :	0	



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



Study Programme Accreditation

UNDERGRADUATE ACADEMIC STUDIES

Graphic Engineering and Design

Nam	Name and last name: Čuš Fr				Čuš Franci	Franci		
Acad	emic title:				Guest Profes	sor		
Nam starti	e of the inst ng date:	itution v	where the te	acher works full time and	-			
Scientific or art field:					Proizvodni sis	stemi, organ	izacija i menadžment (menađment inovacija i	
Academic carieer Year Institution					Field			
Acad	emic title el	ection:	2009				Proizvodni sistemi, organizacija i menadžment (menađment inovacija i promena)	
PhD	thesis		1988	Faculty of Mechanical E	ngineering - Ma	aribor	Processes for Material Removal Processing	
Magi	ster thesis		1985	Faculty of Mechanical E	ngineering - Ma	aribor	Processes for Material Removal Processing	
Bach	elor's thesis	6	1978	Faculty of Mechanical E	ngineering - Ma	aribor	Mechanical Engineering	
List c	of courses b	eing he	d by the tea	acher in the accredited stu	idy programme	es		
	ID	Course	e name			Study pro	gramme name, study type	
1.	Z421	Opera	cioni menac	džment(uneti naziv na eng	leskom)	(Z20) Envir Studies	ronmental Engineering, Undergraduate Academic	
2	11052	Droduk	tion System	20		(F00) Gra Academic	phic Engineering and Design, Undergraduate Studies	
Ζ.	111055	Produc	cion Syster	ns		(P00) Prod Studies	duction Engineering, Undergraduate Academic	
3.	IM1114	Energy	/ Flows in th	ne Enterprise		(I20) Engin Studies	eering Management, Undergraduate Academic	
4.	ZR401A	Scienc	e on Work			(Z01) Safe	ety at Work, Undergraduate Academic Studies	
5.	HDOK4 S	Select	ed chapters	from automation of work	processes	(112) Industrial Engineering, Specialised Academic Studies		
6.	IMDR0S	Selected chapters in enterprise's design, organization and control			ganization	(12) Industrial Engineering, Specialised Academic Studies (122) Engineering Management, Specialised Academic Studies		
7.	ZR502	2 Occupational Risk Assessment				(Z01) Safe	ety at Work, Master Academic Studies	
8.	IM2102	Manufa	acturing stra	ategy (KAIZEN, LEAN, KA	NBAN,	(I10) Indus (M50) Ene	strial Engineering, Master Academic Studies ergy Management, Master Academic Studies	
		LIFS				(I20) Engineering 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	aement		(I20) Engineering Management, Master Academic Studies		
11.	IM2215	Value	engineering	1		(I20) Engineering Management, Master Academic Studies		
			0 0			(H00) Mechatronics, Doctoral Academic Studies		
12.	HDOK-4	Select	ed Chapters	s in Production Process A	utomation	(120) Industrial Engineering / Engineering Management, Doctoral Academic Studies		
13.	HDOKL4	Select	ed chapters	from automation of work	processes	(H00) Mec	chatronics, Doctoral Academic Studies	
14.	IMDR57	Strateg System	gic Planning	and Designing Procedure nd of Product Lifecycle	es and	(120) Indus Doctoral A	strial Engineering / Engineering Management, cademic Studies	
15.	ZRD27A	Operat safety	tions manaç	gement in the security and	loccupational	(Z01) Safe	ety at Work, Doctoral Academic Studies	
16.	ZRD28A	Select	ed topics in	the science of occupation	al safety	(Z01) Safe	ety at Work, Doctoral Academic Studies	
Rep	presentative	reffere	nces (minim	num 5, not more than 10)				
1.	ČUŠ, Fra 19, iss. 1	nc, BAL /2, str. 1	IČ, Jože. C 13-121.	ptimization of cutting proc	ess by GA app	oroach. Rob	ot. computintegr. manuf [Print ed.], 2003, vol.	
2.	ČUŠ, Fra 2004, vol	nc, MUI . 157/15	RŠEC, Bog 8, str. 75-8	omir. Databases for techn 1.	ological inform	ation systen	ns. J. mater. process. technol [Print ed.], Dec.	
3.	ČUŠ, Fra operation	nc, ŽUF s. Int. j.	PERL, Uroš gen. syst.,	, MILFELNER, Matjaž. Dy October 2006, vol. 35, no	namic neural n 5, str. 603-618	etwork appr 8. [COBISS.	oach for tool cutting force modelling of end milling SI-ID 10604310]	
4.	ČUŠ, Fra J. mater.	nc, MIL process	FELNER, M . technol [latjaž, BALIČ, Jože. An in Print ed.], June 2006, vol.	telligent systen 175, iss. 1/3, s	n for monito str. 90-97.	ring and optimization of ball-end milling process.	
5.	ČUŠ, Fra machinin	nc, ŽUF g proces	PERL, Uroš ss. J. Achie	, KIKER, Edvard, MILFEL v. Mater. Manuf. Eng., Jul	NER, Matjaž. A Aug. 2006, vo	Adaptive con ol. 17, iss. 1/	troller design for feedrate maximization of /2, str. 237-240.	

We and	TAS STUDIO	FACULTY OF TECHNICAL SCI	EJA OBRADOVIĆA 6	STURNAY ANT				
A DANCS		Study F	on Facility of Davids	HON CAL				
Re	presentative re	INDERGRADUATE ACADEMIC STUDIES Graphic Engineering and Design						
6.	ČUŠ, Franc, ŽUPERL, Uroš. Approach to optimization of cutting conditions by using artificial neural networks. J. mater. process. technol [Print ed.], 2006, vol. 173, iss. 3, str. 281-290.							
7.	7. ČUŠ, Franc, BALIČ, Jože, ŽUPERL, Uroš. Hybrid ANFIS-ants system based optimisation of turning parameters. J. Achiev. M Manuf. Eng., Sep. 2009, vol. 36, iss. 1, str. 79-86.							
8.	ŠOSTAR, A str. 215-218	Adolf, ČUŠ, Franc. Vpliv toplotne ob 3. [COBISS.SI-ID 3324444]	delave na obdelovalno	ost materialov pri	vrtanju. Stroj. vestn., 1983, I	et. 29, št. 10-12,		
9.	ŠOSTAR, A 30, št. 9-10	Adolf, ČUŠ, Franc. Načrtovanje prei , str. 197-203. [COBISS.SI-ID 3324	zkusov in izračun eksr 700]	oonentov za optim	niranje odrezovanja. Stroj. ve	estn., 1984, let.		
10.	ČUŠ, Franc	c. Odvisnosti in zakonitosti postopka	a čelnega frezanja. Str	oj. vestn., 1986, 3	32, št. 4/6, str. 60-63. [COBI	SS.SI-ID 94468]		
Su	mmary data fo	r teacher's scientific or art and prof	essional activity:					
Quo	tation total :		21					
Tota	I of SCI(SSCI)	list papers :	28					
Curr	ent projects :		Domestic :	0	International :	1		



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



Study Programme Accreditation

UNDERGRADUATE ACADEMIC STUDIES

Graphic Engineering and Design

Name and last name:					Ćosić P. Ilija			
Acad	lemic title:				Full Professo	Full Professor		
Nam	e of the inst	titution v	vhere the te	acher works full time and	Faculty of Te	Technical Sciences - Novi Sad		
starti	ng date:				22.12.1972			
Scientific or art field: Production					Production S	ystems, Org	anization and Management	
Acad	lemic cariee	er	Year	Institution			Field	
Acad	lemic title el	lection:	1993	Faculty of Technical Scie	ences - Novi S	ad	Production Systems, Organization and Management	
PhD	thesis		1983	Faculty of Technical Scie	ences - Novi S	ad	Production Systems, Organization and Management	
Magi	ster thesis		1979	Faculty of Technical Scie	ences - Novi S	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	es		
	ID	Course	e name			Study pro	gramme name, study type	
1	M316	Produ	ction System	ne		(GI0) Geo Studies	desy and Geomatics, Undergraduate Academic	
1.	101010	110000				(M40) Tec Undergrad	hnical Mechanics and Technical Design, uate Academic Studies	
2.	II1017	Produc	ction Syster	n Design		(110) Indus 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	accring Management Lindergraduate Academia	
4.	4. IM1027 Production systems			ns	Studies			
						Undergraduate Academic Studies		
						(GID) Geodesy and Geomatics, Undergraduate Academic Studies		
5	IM1039	Fundamentals of Operations management				(S01) Postal Traffic and Telecommunications, Undergraduate Academic Studies		
0.	INTEGO					(ZC0) Clean Energy Technologies, Undergraduate Academic Studies		
						(ZP0) Disaster Risk Management and Fire Safety, Undergraduate Academic Studies		
<u> </u>		\A/arts ((I10) Indus Studies	strial Engineering, Undergraduate Academic	
0.	INTTIO	VVOIK (Study and E	rgonomics		(I20) Engineering Management, Undergraduate Academ Studies		
7.	ZR401A	Scienc	e on Work			(Z01) Safe	ety at Work, Undergraduate Academic Studies	
		Select	ed chanters	in enternrise's design on	nanization	(112) Indus	strial Engineering, Specialised Academic Studies	
8.	IMDR0S	and co	ontrol	an enterprise s design, Of	gamzation	(I22) Engii Studies	neering Management, Specialised Academic	
9.	IMDSPI	Select	ed Chapter	s in Design for Excellence		(112) Indus	strial Engineering, Specialised Academic Studies	
						(I20) Engii	neering Management, Specialised Professional	
10.	IS001	Effecti	ve manage	ment		(IB0) Engi Profession	Studies (IB0) Engineering Management - MBA, Specialised Professional Studies	
11.	ZR502	Occup	ational Risk	Assessment		(Z01) Safe	ety at Work, Master Academic Studies	
12.	IIDS5	Select and co	ed chapters	in enterprise's design, or	ganization	(112) Indus	strial Engineering, Specialised Academic Studies	
13.	IIDS9	Effecti	ve Producti	on and Service Systems		(112) Indus	strial Engineering, Specialised Academic Studies	
			Encouver Fredecion and Dervice Systems			(122) Engineering Management, Specialised 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

	List of courses bein	na held bv	the teacher	in the accredited	d studv i	programme
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	ID	Course name	Study programme name, study type			
14.	IM2101	Intelligent Enterprising and Effective	Management	(M50) Energy N (I20) Engineering	lanagement, Master Acaden g Management, Master Acad	nic Studies demic Studies
15.	IM2102	Manufacturing strategy (KAIZEN, LE EFPS)	AN, KANBAN,	 (110) Industrial Engineering, Master Academic Studies (M50) Energy Management, Master Academic Studies (I20) Engineering Management, Master Academic Studies 		
16.	IM2119	Layout and location of the enterprise		(I20) Engineering	g Management, Master Acad	demic Studies
17.	IM2124	Production and Service Systems		(H00) Mechatro (M50) Energy N	nics, Master Academic Stud	ies nic Studies
18.	IMDR0	Science of Industrial Engineering an	d Management	(I20) Industrial E Doctoral Acaden	Engineering / Engineering Manie	anagement,
19.	IMDR31	Effective Production and Service Sys	stems	(I20) Industrial E Doctoral Acaden	Engineering / Engineering M nic Studies	anagement,
20.	IMDR56	Traceability of Product Lifecycle		(I20) Industrial E Doctoral Academ	Engineering / Engineering Manie Studies	anagement,
21.	IMDR57	Strategic Planning and Designing Pr Systems at the End of Product Lifect	ocedures and cycle	(I20) Industrial E Doctoral Acaden	Engineering / Engineering Manie Studies	anagement,
22		Selected Chanters in Design for Exc	ellence	(F00) Graphic E Studies	ingineering and Design, Doc	toral Academic
22.		Selected Chapters in Design for Exc	enerice	(I20) Industrial Engineering / Engineering Management, Doctoral Academic Studies		
23.	. IMDR5 Selected chapters in enterprise's design, organization and control			(I20) Industrial Engineering / Engineering Management, Doctoral Academic Studies		
24.	. IMDR85 Effective technological and production structures			(I20) Industrial Engineering / Engineering Management, Doctoral Academic Studies		
25.	ZRD27A	Operations management in the secu safety	(Z01) Safety at	Work, Doctoral Academic St	udies	
26.	ZRD28A	Selected topics in the science of occ	upational safety	(Z01) Safety at	Work, Doctoral Academic St	udies
Rep	oresentative	refferences (minimum 5, not more th	an 10)			
1.	Simeuno Internatio	vić N., Ćosić I., Radaković N., Lalić B. nal Scientific Book, 2009, str. 281-288	: The General Work F 3, ISBN 987-3-901509	Procedure Model f -71-1, UDK: ISSN	or the Service Product, Beč I 1726-9687	, DAAAM
2.	Pečujlija situation	M., Ćosić I., Ivanišević V.: A professo (consistency problem), Science and E	r's moral thinking at th ngineering Ethics, 20	ne abstract level v 11, Vol. 17, No 2,	s the professor's moral think pp. 299-320, ISSN 1353-34	king in real life 52
3.	Zelenovio Journal o	b., Ćosić I., Šormaz D., Šišarica Z.: f Production Research, 1987, Vol. 25,	An approach to the de No 1, pp. 3-15, ISSN	esign of more effe 0020-7543	ctive production systems ,	International
4.	Kirin S., S 2012, pp	Sedmak A., Grubić-Nešić L., Ćosić I.: 52-52, ISSN 0354-7531, UDK: doi:10	Project risk managem 0.2298/HEMIND11070	ent in complex pe 9052K	etrochemical system, Hemijs	ska industrija,
5.	Lazarevid product to pp. 4776-	5 M., Ostojić G., Ćosić I., Stankovski S racking based on radio-frequency ider 4787, ISSN 1992-2248	5., Vukelić Đ., Zečević htification (RFID) techr	I.: Product lifecyonology, Scientific I	cle management (PLM) meth Research and Essays, 2011	nodology for , Vol. 6, No 22,
6.	Kirin S., (Hemijska	Grubić-Nešić L., Ćosić I.: Increasing a industrija, 2010, Vol. 64, No 5, pp. 46	l large petrochemical o 5-472, ISSN 0367-59	company by impro 8X	ovement of decision making	process,
7.	Tešić Z., Mechanio	Lalić D., Ćosić I., Mitrović V.: Integrat cal Engineering, 2010, Vol. 56, No 3, p	tion of information for 1 pp. 217-223, ISSN 003	manufacturing sho 9-2480	op control, Strojniski vestnik	= Journal of
8.	Ćosić I., (Technica	Govedarica M., Živković B.: Develope I Informatics, Temišvar, 16-19 Novem	ement of Object-Orient bar, 1994, pp. 60-65	ed Intelligent Data	abase Model, 1. Internationa	al Conference on
9.	Novakovi sciences	ć D., Ćosić I.: System model of an au Machine Design, 2007, str. 65-70, IS	tomated design of cor BN 867892038-6	mplex graphic sys	tems, Novi Sad, Faculty of t	echnical
10.	Lalić B., (Internatio	Ćosić I., Anišić Z.: SIMULATION BAS nal journal of Simulation Modelling-IJ	ED DESIGN AND RE SIMM, 2005, Vol. 4, N	CONFIGURATIO o 4, pp. 173-183,	N OF PRODUCTION SYST ISSN 1726-4529	EMS ,
Sur	nmary data	for teacher's scientific or art and profe	essional activity:			
Quot	ation total :	21) list sonors :	96			
Curre	ent projects	יוסג papers . :	Domestic :	2	International :	2



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



Study Programme Accreditation

UNDERGRADUATE ACADEMIC STUDIES

Graphic Engineering and Design

Name and last name:			Gak M. Dragana					
Acad	lemic title:				Lecturer	Lecturer		
Nam	e of the inst	itution v	vhere the te	acher works full time and	Faculty of Technical Sciences - Novi Sad			
starti	ng date:				16.09.2009			
Scier	ntific or art f	ield:			English	English		
Acad	lemic caries	er	Year	Institution	ial Managaman	t Novi	Field	
Acad	lemic title e	ection:	2008	Sad	lai Manayemen		English	
Magi	ster thesis		2010	Faculty of Philosophy - I	Novi Sad		English and American Literature	
Bach	elor's thesis	5	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) Arcl	hitecture, Undergraduate Academic Studies	
2.	AEJ2L	Englis	h Language	e intermediate		(A00) Arcl	hitecture, Undergraduate Academic Studies	
3.	AEJ2Z	Englis	h intermedia	ate		(A00) Arcl	hitecture, Undergraduate Academic Studies	
4.	AEJ3Z	Englis	h Language	e - upper intermediate		(A00) Arcl	hitecture, Undergraduate Academic Studies	
						(GUU) Civi	II Engineering, Undergraduate Academic Studies	
						Undergrad	uate Academic Studies	
		English Language – Elementary				(M30) Ene Academic	ergy and Process Engineering, Undergraduate 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) Pos Undergrad	tal Traffic and Telecommunications, uate Academic Studies	
						(E10) Pow Engineerin	ver, Electronic and Telecommunication g, Undergraduate Academic Studies	
		English Language - Elementary				(F00) Graphic Engineering and Design, Undergraduate Academic Studies		
					(MR0) Measurement and Control Engineering, Undergraduate Academic Studies			
6.	EJ01Z					(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 		an Energy Technologies, Undergraduate Studies	
							aster Risk Management and Fire Safety, uate Academic Studies	
						(Z20) Environmental Engineering, Undergraduate Academic Studies		
						(E10) Pow Engineerin	ver, Electronic and Telecommunication g, Undergraduate Academic Studies	
						(F00) Gra Academic	phic Engineering and Design, Undergraduate Studies	
						(M20) Me Undergrad	chanization and Construction Engineering, luate Academic Studies	
7.	EJ02L	Englisl	h Language	e – Pre-Intermediate		(MR0) Me Undergrad	asurement and Control Engineering, luate Academic Studies	
			-			(Z01) Safe	ety at Work, Undergraduate Academic Studies	
						(ZC0) Cle Academic	an Energy Technologies, Undergraduate Studies	
						(ZP0) Disa Undergrad	aster Risk Management and Fire Safety, uate Academic Studies	
						(Z20) Envi Studies	ronmental Engineering, Undergraduate Academic	

SITAS STUDE

UNIVERSITY OF NOVI SAD

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



Study Programme Accreditation

UNDERGRADUATE ACADEMIC STUDIES

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List	List of courses being held by the teacher in the accredited study programmes							
	ID	Course name	Study programme name, study type					
			(I10) Industrial Engineering, Undergraduate Academic Studies					
8	E 1027	English Language - Dre-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					
			(F00) Graphic Engineering and Design, Undergraduate Academic Studies					
			(MR0) Measurement and Control Engineering, Undergraduate Academic Studies					
9.	EJ03Z	English Language - Intermediate	(Z01) Safety at Work, Undergraduate Academic Studies					
			(E10) Power, Electronic and Telecommunication Engineering, Undergraduate Academic Studies					
			(Z20) Environmental Engineering, Undergraduate Academic Studies					
			(F00) Graphic Engineering and Design, Undergraduate Academic Studies					
	EJ04L	English Language – Upper Intermediate	(Z01) Safety at Work, Undergraduate Academic Studies					
10.			(E10) Power, Electronic and Telecommunication Engineering, Undergraduate Academic Studies					
			(Z20) Environmental Engineering, Undergraduate Academic Studies					
			(E20) Computing and Control Engineering, Undergraduate Academic Studies					
			(ES0) Power Software Engineering, Undergraduate Academic Studies					
			(F10) Engineering Animation, Undergraduate Academic Studies					
11.	EJ1Z	English Language - Elementary	(GI0) Geodesy and Geomatics, Undergraduate Academic Studies					
			(SE0) Software Engineering and Information Technologies, Undergraduate Academic Studies					
			(SEL) Software Engineering and Information Technologies - Loznica, Undergraduate Academic Studies					
			(AH0) Architecture, Master Academic Studies					
			(E20) Computing and Control Engineering, Undergraduate Academic Studies					
			(F10) Engineering Animation, Undergraduate Academic Studies					
12.	EJ2L	English Language – Intermediate	(GI0) Geodesy and Geomatics, Undergraduate Academic Studies					
			(SE0) Software Engineering and Information Technologies, Undergraduate Academic Studies					
			(SEL) Software Engineering and Information Technologies - Loznica, Undergraduate Academic Studies					



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



Study Programme Accreditation

UNDERGRADUATE ACADEMIC STUDIES

List o	ist of courses being held by the teacher in the accredited study programmes						
	ID	Course name	Study programme name, study type				
13.	EJ2Z EJ3L	English Language – Intermediate	 (E20) Computing and Control Engineering, Undergraduate Academic Studies (ES0) Power Software Engineering, Undergraduate Academic Studies (F10) Engineering Animation, Undergraduate Academic Studies (G10) Geodesy and Geomatics, Undergraduate Academic Studies (SE0) Software Engineering and Information Technologies, Undergraduate Academic Studies (SEL) Software Engineering and Information Technologies - Loznica, Undergraduate Academic Studies (AH0) Architecture, Master Academic Studies (E20) Computing and Control Engineering, Undergraduate Academic Studies (F10) Engineering Animation, Undergraduate Academic Studies (G10) Geodesy and Geomatics, Undergraduate Academic Studies (G10) Geodesy and Geomatics, Undergraduate Academic Studies 				
			(SE0) Software Engineering and Information Technologies, Undergraduate Academic Studies (SEL) Software Engineering and Information Technologies - Loznica, Undergraduate Academic Studies				
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				
23.	EJM	English Language – ESP Course	 (M20) Mechanization and Construction Engineering, Undergraduate Academic Studies (M30) Energy and Process Engineering, Undergraduate Academic Studies (M40) Technical Mechanics and Technical Design, 				
			Undergraduate Academic Studies (P00) Production Engineering, Undergraduate Academic Studies				
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

Graphic Engineering and Design

List 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		
24		English fan Canaiffa Dumanaa	(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	jana, Lorejn Hansberi i (afro) američka porodica, Zadužbina	a Andrejević, Beograd, 2012		
2.	Gak Drag Zbornik r	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.	Bulatović međunar	Vesna, Gak Dragana, Bogdanović Vesna, Nastava stranih odne konferencije Jezik struke: Teorija i praksa, Univerzitet	jezika na privatnom fakultetu, Zbornik radova sa u Beogradu, str.329-333, Beograd, 2009.		
4.	Bogdano broj 98, c	vić Vesna, Gak Dragana, Univerzalana simbolika na primer lecembar , Pančevo, 2010	u afro-američke zajednice u drami Lorejn Hansberi, Sveske,		
5.	Gak Drag međunar	gana, Borković Bojana, Needs Analysis: A Basis of a Succe odne konferencije Jezik struke: Izazovi i perspektive, Unive	ssful Business English Course, Zbornik radova sa rzitet u Beogradu, str. 880-885, Beograd, 2011.		
6.	Bulatović radova sa	Vesna, Gak Dragana, Speaking Skills: Advantages and Pro a međunarodne konferencije Jezik struke: Izazovi i perspekt	oblems Involved When Teaching Business English, Zbornik tive, Univerzitet u Beogradu, str. 235-240, Beograd, 2011.		
7.	Gak Drag Novi Sad	gana, Textbook - An Important Element in the Teaching Pro , 2011.	cess, Metodički vidici, Filozofski fakultet Novi Sad, str.78-82,		



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



Study Programme Accreditation

UNDERGRADUATE ACADEMIC STUDIES

Graphic Engineering and Design

 Representative refferences (minimum 5, not more than 10)

 B
 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.
 Mirović Ivana, Gak Dragana, Trust Me I'm an Engineer, 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.
 Mirović Ivana, Gak Dragana, Trust Me I'm an Engineer, Zbornik radova sa međunarodne konferencije The Importance of Learning Professional Foreign Language for Communication Between Cultures, Faculty of Logistics, University of Maribor, Slovenia, 2012.

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

 Total of SCI(SSCI) list papers :
 Domestic :
 International :



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



Study Programme Accreditation

UNDERGRADUATE ACADEMIC STUDIES

Graphic Engineering and Design

Name and last name:			Glavardanov B. Valentin					
Academic title:			Full Professor					
Name of the institution where the teacher works full time and			Faculty of Technical Sciences - Novi Sad					
starti	ng date:				17.05.1990			
Scier	ntific or art f	ield:			Deformable B	ody Mecha	nics	
Acad	lemic cariee	er	Year	Institution			Field	
Acad	lemic title el	ection:	2008	Faculty of Technical Sci	ences - Novi Sa	ad	Deformable Body Mechanics	
PhD	thesis		1997	Faculty of Technical Sci	ences - Novi Sa	ad	Deformable Body Mechanics	
Magi	ster thesis		1995	Faculty of Mathematics -	- Beograd		Deformable Body Mechanics	
Bach	elor's thesis	S	1989	Faculty of Technical Science	ences - Novi Sa	ad	Deformable Body Mechanics	
List c	of courses b	eing he	d by the tea	acher in the accredited stu	udy programme	s		
	ID	Course	e name			Study pro	gramme name, study type	
1.	F107	Techni	ical Mechar	nics		(F00) Gra Academic	phic Engineering and Design, Undergraduate Studies	
2.	H202	Streng	th of materi	als		(H00) Mec	chatronics, Undergraduate Academic Studies	
						(M20) Meo Undergrad	chanization and Construction Engineering, uate Academic Studies	
	MOOA	04	46 -6 84-4	ala		(M30) Ene Academic	ergy and Process Engineering, Undergraduate Studies	
3.	M204	Streng	th of Materi	ais		(M40) Teo Undergrad	chnical Mechanics and Technical Design, uate Academic Studies	
						(P00) Proo Studies	duction Engineering, Undergraduate Academic	
						(M40) Teo Undergrad	chnical Mechanics and Technical Design, uate Academic Studies	
4.	M2412	Theory	of Elasticit	У		(P00) Production Engineering, Undergraduate Academic Studies		
5.	M4302	Biomechanics and mechanics of sport				(M40) Technical Mechanics and Technical Design, Undergraduate Academic Studies		
6.	M4304	Advan	ced strengt	h of materials		(M40) Technical Mechanics and Technical Design, Undergraduate Academic Studies		
7.	M4306	Similar	ity and dim	ensional methods		(M40) Teo Undergrad	chnical Mechanics and Technical Design, uate Academic Studies	
8.	M4401	Contin	uum mecha	anics		(M40) Teo Undergrad	chnical Mechanics and Technical Design, uate Academic Studies	
9.	URZP14	Funda	mentals of I	Mechanical Engineering		(ZP0) Disa Undergrad	aster Risk Management and Fire Safety, uate Academic Studies	
10.	BMI128	Contin	uum Biome	chanics		(BM0) Bio Studies	medical Engineering, Undergraduate Academic	
11.	II1004	Mecha	nics and In	dustrial Engineering		(I10) Indus Studies	strial Engineering, Undergraduate Academic	
12.	M44041	Dynam	nics of non-	smooth mechanical system	ms	(M40) Teo Undergrad	chnical Mechanics and Technical Design, uate Academic Studies	
13.	M4504	Therm	al Elasticity			(M40) Teo Academic	chnical Mechanics and Technical Design, Master Studies	
14.	M45991	Biome	chanics of c	cardiovascular system		(M40) Tec Academic	chnical Mechanics and Technical Design, Master Studies	
15.	DM402	Select	ed Chapters	s in Elasticity Theory		(M00) Mee (M40) Teo	chanical Engineering, Doctoral Academic Studies chnical Mechanics, Doctoral Academic Studies	
16.	DM404	Select	ed Chapters	s in Mechanics of Continu	um	(M00) Me	chanical Engineering, Doctoral Academic Studies	
47	D7002	Soloat	od Chanter	a in Machanica			chinical Mechanics, Doctoral Academic Studies	
17.	FDS143	Select	ed Chapters	s in Technical Mechanics		(F00) Gra	phic Engineering and Design, Doctoral Academic	
10	780164	Salact	ad chanters	in mechanics and electic	ity theory	(701) Sofe	atv at Work Doctoral Academic Studies	
Rep	presentative	reffere	nces (minim	num 5, not more than 10)				

STAS STUDIORU			UNIVERSITY OF NO	VI SAD		-UNINKHX May			
		FACULTY OF TECHNICAL SCIENCES 21000 NOVI SAD, TRG DOSITEJA OBRADOVIĆA 6							
D. NE	2000	Study F	Study Programme Accreditation						
0,	UNDERGRADUATE ACADEMIC STUDIES Graphic Engineering and Design								
Re	presentative r	efferences (minimum 5, not more th	an 10)						
1.	Spasic D.T Solids, vol.	., Glavardanov B.V.: Stability of a rio 15, No 2, pp 337-350,1996	gid sphere supported b	by a thin elastic co	olumn, European Journal of	Mechanics A-			
2.	Atanackovi 130, 1996	c M.T., Glavardanov B.V.: Twisted a	axially loaded rod with	shear and compr	essibility, Acta Mechanica,	vol.119, pp 119-			
3.	V. B. Glava (2000).	rdanov and T. M. Atanackovic, Stat	pility of a pipe through	which a sring is p	oulled. Int. J. Non-Linear Me	chanics 35, 7–20			
4.	V. B. Glava 20, 795–80	rdanov and T. M. Atanackovic, Opti 9 (2001).	imal shape of a twisted	l compressed rod	I. European Journal of Mech	nanics A-Solids,			
5.	T. M. Atana 39, 2987-29	ackovic, V. B. Glavardanov, Buckling 999 (2002)	g of a twisted and com	pressed rod. Inte	rnational Journal of Solids a	and Structures,			
6.	R.B. Mareti Mechanics-	ć, V. B. Glavardanov, Stability of a l Transaction of the ASME, 71, 896-	Rotating Heated Circu 899, (2004)	lar Plate With Ela	stic Edge Support, Journal	of Applied			
7.	Valentin Gl	avardanov: Zbirka rešenih zadataka	a iz teorije elastičnosti,	FTN, Novi Sad, 2	2003.				
8.	T.M. Atana Optimizatio	cković, V.B. Glavardanov: "Optimal n, 28, 388-396, (2004)	shape of a heavy com	pressed column"	, Structural and Multidiscipli	nary			
9.	R. Maretic, Journal of S	V. Glavardanov and V. Mitic, Vibrat Structural Stability and Dynamics, vo	tion and Stability of a H ol 10, No 5,1111-1121	leavy and Heated , 2010	d Vertical Circular Plate, Inte	ernational			
10.	Glavaradno	ov V, Maretic R, Stability of a twisted	and compressed clar	nped rod, Acta M	lechanica, 202, 17-33, 2009				
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			· · · · · · · · · · · · · · · · · · ·			
Current projects : Domestic : 1 International : 0					0				



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



Study Programme Accreditation

UNDERGRADUATE ACADEMIC STUDIES

Graphic Engineering and Design

Name and last name: Govedarica			Govedarica J	a J. Miro					
Academic title: Full Profess			Full Professor	or					
Name of the institution where the teacher works full time and Faculty of Te			chnical Sciences - Novi Sad						
starting date: 22.02.199			22.02.1994						
Scier	ntific or art f	ield:			Geodesy and	Geomatics	Engineering		
Acad	lemic cariee	er	Year	Institution			Field		
Acad	lemic title el	ection:	2012	Faculty of Technical Science	ences - Novi Sa	ad	Geodesy and Geomatics Engineering		
PhD	thesis		2001	Faculty of Technical Science	ences - Novi Sa	ad	Geoinformatics		
Magi	ster thesis		1998	Faculty of Technical Science	ences - Novi Sa	ad	Applied Computer Science and Informatics		
Bach	elor's thesis	S	1987	Faculty of Civil Engineer	ing - Sarajevo		Geodesy		
List c	of courses b	eing he	d by the tea	acher in the accredited stu	idy programme	S			
	ID	Course	e name			Study pro	gramme name, study type		
						(E20) Con	nputing and Control Engineering, Undergraduate		
1.	AU54	Geoinf	ormation S	ystems			Studies		
						Studies	desy and Geomatics, Undergraduate Academic		
2	E2/1	Googn	atial Tochn	ologios		(E20) Con	nputing and Control Engineering, Undergraduate		
<u> </u>	L241	Geosp		ologies		Academic	Studies		
3.	F114	Graphi	ic applicatio	ns		(F00) Gra Academic	phic Engineering and Design, Undergraduate Studies		
4.	GI003	Geosp	atial Data Ir	nfrastructure		(GI0) Geo Studies	desy and Geomatics, Undergraduate Academic		
5.	GI020	Laser	Scanning of	f Terrain and Objects		(GI0) Geo Studies	desy and Geomatics, Undergraduate Academic		
6.	GI025B	Geodetic Metrology				(GI0) Geo Studies	SI0) Geodesy and Geomatics, Undergraduate Academic tudies		
7.	Gl211	Geoinformatics				(GI0) Geo Studies	JIO) Geodesy and Geomatics, Undergraduate Academic Julies		
8.	GI408A	Geospatial Databases				(GI0) Geo Studies	(GI0) Geodesy and Geomatics, Undergraduate Academic Studies		
9.	URZP44	Applica manag	ation of geo ement	pinformation technology in	ı risk	(ZP0) Disaster Risk Management and Fire Safety, Undergraduate Academic Studies			
10.	Z410A	Geosp	atial techno	logies and systems		(Z20) Envi Studies	ronmental Engineering, Undergraduate Academic		
11.	Z410	Geoinf	ormacione kom)	tehnologije i sistemi(uneti	naziv na	(Z20) Envi Studies	ronmental Engineering, Undergraduate Academic		
12.	BM119A	The ap	plication of is in medici	geoinformation technolog	jies and	(BM0) Bio Studies	medical Engineering, Undergraduate Academic		
13.	GG99	Geosp	atial techno	logies - basics		(ZP0) Disa Undergrad	aster Risk Management and Fire Safety, uate Academic Studies		
14.	GI207	GNSS	basics			(GI0) Geo Studies	desy and Geomatics, Undergraduate Academic		
15.	GI209	Photog	grammetry			(GI0) Geo Studies	desy and Geomatics, Undergraduate Academic		
16.	GI406A	Funda	mentals of I	Remote Sensing and Imag	ge Processing	(GI0) Geo Studies (SE0) Soft	desy and Geomatics, Undergraduate Academic tware Engineering and Information Technologies,		
17	70028	Gener	atial techno	logies and systems		Undergrad (ZC0) Clea	uate Academic Studies an Energy Technologies, Undergraduate		
	20020	CCOSP				Academic	Studies		
18.	GI501	Geopo	rtals and G	eospatial Services		(GIO) Geo	desy and Geomatics, Master Academic Studies		
19.	GI502	Locatio	on Based S	ervices		(GI0) Geo	desy and Geomatics, Master Academic Studies		
20.	GI504	Advan	ced Technic	ques of Laser Scanning		(GI0) Geo	desy and Geomatics, Master Academic Studies		
21.	GI517	Digital	Photogram	metry		(GI0) Geo	desy and Geomatics, Master Academic Studies		
22.	GI518	Geode	sy in City P	lanning		(GI0) Geo	desy and Geomatics, Master Academic Studies		
23.	GIAU05	Geoportals and Geoservices		eoservices		(E20) Con Academic	nputing and Control Engineering, Master Studies		



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



Study Programme Accreditation

UNDERGRADUATE ACADEMIC STUDIES

List of courses bein	g held by the teacher	in the accredited stud	ly programmes

	ID	Course name	Study programme name, study type		
24.	GI531	Application of GNSS systems	(GI0) Geodesy and Geomatics, Master Academic Studies		
25.	GI532	Advanced Remote Sensing Technologies	(GI0) Geodesy and Geomatics, Master Academic Studies		
26.	GI534	Service oriented architecture in GIS	(GI0) Geodesy and Geomatics, Master Academic Studies		
27.	GI536	Spatial and temporal databases	(GI0) Geodesy and Geomatics, Master Academic Studies		
28.	GI540	Valuation of real estate	(GI0) Geodesy and Geomatics, Master Academic Studies		
29.	GI700	Geospatial data visualization	(GI0) Geodesy and Geomatics, Master Academic Studies		
30.	GIAU02	Position Based Services	(E20) Computing and Control Engineering, Master Academic Studies		
31.	GIAU03	Remote Sensing and Computer Image Processing	(E20) Computing and Control Engineering, Master Academic Studies		
32.	GIAU04	Geospatial data visualization	(E20) Computing and Control Engineering, Master Academic Studies		
33.	SDGI01	Selected topics in geoinformation systems	(GI0) Geodesy and Geomatics, Specialised Academic Studies		
34.	SDGI06	Selected Chapters in Real Estate Cadastre	(GI0) Geodesy and Geomatics, Specialised Academic Studies		
35.	SDGI08	Selected topics in laser scanning	(GI0) Geodesy and Geomatics, Specialised Academic Studies		
36.	SDGI10	Selected Chapters in Landscape Arrangement	(GI0) Geodesy and Geomatics, Specialised Academic Studies		
37.	SDGI13	Selected topics in spatial data infrastructure	(GI0) Geodesy and Geomatics, Specialised Academic Studies		
38.	SDGI1C	Selected topics in geospatial data visualization	(GI0) Geodesy and Geomatics, Specialised Academic Studies		
39.	SDGI1F	Selected topics in photogrammetry	(GI0) Geodesy and Geomatics, Specialised Academic Studies		
40.	SDGI3C	Selected topics in Geoportals	(GI0) Geodesy and Geomatics, Specialised Academic Studies		
41.	SDGI5D	Selected Chapters in the Mass Appraisal of Real Estate	(GI0) Geodesy and Geomatics, Specialised Academic Studies		
42.	SDGI5F	Basic topics in remote sensing and image processing	(GI0) Geodesy and Geomatics, Specialised Academic Studies		
43.	SDGI6A	Selected Chapters in Appraisal	(GI0) Geodesy and Geomatics, Specialised Academic Studies		
44.	DAU011	Selected Chapters in Geographic Information Systems and Technologies	(E20) Computing and Control Engineering, Doctoral Academic Studies		
45.	DGI001	Selected Chapters in Geoinformation Systems	(GI0) Geodesy and Geomatics, Doctoral Academic Studies		
46.	DGI003	Selected Chapters in Photogrammetry and Remote Sensing	(GI0) Geodesy and Geomatics, Doctoral Academic Studies		
47.	DG1006	Selected Chapters in Real Estate Cadastre	(GI0) Geodesy and Geomatics, Doctoral Academic Studies		
48.	DGI008	Selected Chapters in Laser Scanning	(GI0) Geodesy and Geomatics, Doctoral Academic Studies		
49.	DG1009	Selected Chapters in GNSS Systems	(GI0) Geodesy and Geomatics, Doctoral Academic Studies		
50.	DGI010	Selected Chapters in Landscape Arrangement	(GI0) Geodesy and Geomatics, Doctoral Academic Studies		
51.	DGI013	Selected Chapters in Spatial Data Infrastructure and Standardization	(GI0) Geodesy and Geomatics, Doctoral Academic Studies		
52.	DGI019	Selected Chapters in Municipal Information Systems	(GI0) Geodesy and Geomatics, Doctoral Academic Studies		
Rep	oresentative	refferences (minimum 5, not more than 10)			
1.	Ristić, A. Wave Pro	, Petrovački, D., Govedarica, M.: A New Method to Simultar opagation Velocity from GPR Data, Computers & Geoscience	neously Estimate the Radius of a Cylindrical Object and the ces, 2009, Vol. 35, Broj 8, str. 1620-1630, ISSN 0098-3004		
2.	Mogin P, nauka, N	Luković I, Govedarica M, "Principi projektovanja baza poda ovi Sad,2004, ISBN: 86-80249-81-5, 700 str.	taka", II izdanje, Univerzitet u Novom Sadu, Fakultet tehničkih		
3.	Govedari THE ANA JOURNA (IF 2010	ca Miro, Borisov Mirko, ALYSIS OF DATA QUALITY OF TOPOGRAPHIC MAPS, L GEODETSKI VESTNIK 0.215) ISSN 0351-0271			

-51	TAS STUD		UNIVERSITY OF NO	VI SAD		WYKHX HA	
ALL AND REAL		FACULTY OF TECHNICAL SCIENCES 21000 NOVI SAD, TRG DOSITEJA OBRADOVIĆA 6					
200000		Study F	Programme A	ccreditatio	on	Const Const	
01	LANTER	UNDERGRADUATE ACADEMIC	STUDIES	Graphic	Engineering and Design	HO	
Rep	presentative re	efferences (minimum 5, not more th	an 10)				
4	Miro Goved Aleksandar ENVIRON	larica, Dušan Petrovački, Dubravka Ristic /FNTAL DATA IN SERBIAN SPAT	Sladić, Aleksandra Ri IAL DATA INFRASTRI	stić, Dušan Jovar JCTURF - GEOP	nović, Vladimir Pajić, Milan V PORTAL OF ECOLOGY	′rtunski,	
	Journal of E (IF 2010 0.1	Environmental Protection and Ecolo 178)	gy JEPE 2011				
5.	Govedarica Metadata C GEODETS	Miro, Boskovic Dubravka, Petrov atalogues in Spatial Information Sy KI LIST, (2010), vol. 64 br. 4, str. 3	acki Dusan, Ninkov To rstems (Review) I3-334 (IF 2009 0.167)	osa, Ristic Aleksa	indar		
6.	6. Jasmina Nedeljković Ostojić, Miro Govedarica, Toša Ninkov, Analysis of Structure Surveying Method by 3D Laser Scanners Geodetski list:glasilo Hrvatskoga geodetskog društva 65(88): 1: (2011) (JE 2010.0.038)						
7.	Ristić A., Al geophysica	bolmasov B., Govedarica M., Petro I approach, Acta Geotechnica Slov	vački D., Ristić A.: Sh enica, 2012, Vol. 9, No	allow-landslide sp 0 1/2012, pp. 47-5	patial structure interpretation i9, ISSN 1854-0171	using a multi-	
8.	Tosa Ninko Geodetski I	v, Miro Govedarica, Milan Trifkovic ist : glasilo Hrvatskoga geodetskog	, One Method of Rene društva 66(89) (2012)	wal of Stereogra , 4;	phics Survey Data in Coka M	lunicipality	
9.	Luković I, N Organizatio	login P, Govedarica M, Ristić S, "T nal Sciences (JIOS), Varaždin, Cro	he Structure of A Subs atia, ISSN: 0351-1804	chema and Its XI , Vol. 26, No. 1-2	ML Specification", Journal of , 2002, pp. 69-85	Information and	
10.	Govedarica 92, str. 16-	M, Miladinović M: Informacioni sist 27, ISSN 0350-7971	tema katastara nepokr	etnosti – Terrasof	ft, Geodetska služba, 2002, '	Vol. XXXI, No.	
Sur	nmary data fo	r teacher's scientific or art and prof	essional activity:				
Quot	ation total :		8				
Tota	of SCI(SSCI)	list papers :	6				
Curre	ent projects :		Domestic :	5	International :	1	



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



Study Programme Accreditation

UNDERGRADUATE ACADEMIC STUDIES

Graphic Engineering and Design

Name and last name:					Ivanišević V. Andrea				
Acad	emic title:				Assistant Professor				
Nam	e of the inst	itution v	vhere the te	acher works full time and	Faculty of Technical Sciences - Novi Sad				
starti	ng date:				01.10.2005				
Scier	ntific or art f	ield:		ſ	Production Sy	ystems, Org	anization and Management		
Acad	emic cariee	er	Year	Institution			Field		
Acad	emic title el	ection:	2012	Faculty of Technical Sci	ences - Novi S	ad	Production Systems, Organization and Management		
PhD	thesis		2011	Faculty of Technical Science	ences - Novi S	ad	Production Systems, Organization and Management		
Magi	ster thesis		2008	Faculty of Technical Sci	ences - Novi S	ad	Engineering Management		
Bach	elor's thesis	3	2005	Faculty of Economics - S	Subotica		Economic Science		
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.	F108	Sociol	ogy of Cultu	ıre		(F00) Gra Academic	phic Engineering and Design, Undergraduate Studies		
		_				(GI0) Geo Studies	desy and Geomatics, Undergraduate Academic		
2.	M317	Econo	my			(M40) Tec Undergrad	chnical Mechanics and Technical Design, uate Academic Studies		
						(S00) Traf	fic and Transport Engineering, Undergraduate Studies		
3.	S002A	Econo	mics			(S01) Pos Undergrad	tal Traffic and Telecommunications, uate Academic Studies		
4.	II121	Princip	oles of econ	omics		(SII) Softw Undergrad	SII) Software and Information Technologies (Inđija), Indergraduate Professional Studies		
5.	ll1047	Analysis and calculation of production costs			3	(110) Industrial Engineering, Undergraduate Academic Studies			
						(I20) Engii	neering Management, Undergraduate Academic		
6.	IM1004	Princip	oles of econ	omics		(ZP0) Disa	aster Risk Management and Fire Safety,		
						(110) Indus	strial Engineering, Undergraduate Academic		
7.	IM1014	Compa	any Econon	nics		(I20) Engli Studies	neering Management, Undergraduate Academic		
8.	IM1047	Planni	ng and ente	erprises performance anal	ysis	(I20) Engii Studies	neering Management, Undergraduate Academic		
9.	IM1422	Manag	ging the cos	t of production		(I20) Engin Studies	neering Management, Undergraduate Academic		
10.	IMDS88	Planni investr	ng and impl ment cycle	lementing cost structure o	f the	(I22) Engi Studies	neering Management, Specialised Academic		
11.	Z513A	Econo	mics and th	e environmental protectio	n	(Z20) Envii	ronmental Engineering, Master Academic Studies		
12.	Z513	Ekono engles	mija i zaštit kom)	a životne sredine(uneti na	ziv na	(Z20) Envii	ronmental Engineering, Master Academic Studies		
13.	IM2122	The ra	ting compa	ny profitability		(I20) Engin	neering Management, Master Academic Studies		
						(M50) Ene	ergy Management, Master Academic Studies		
14.	IM2415	Invest	ment Enviro	onment		(OM1) Ma Studies	thematics in Engineering, Master Academic		
						(I20) Engin	neering Management, Master Academic Studies		
15.	IM2417	Manag	ging individu	ual property		(I20) Engin	neering Management, Master Academic Studies		
16.	IM2421	Manag	ge the budg	et for development investr	ment	(I20) Engin	neering Management, Master Academic Studies		
17.	IM2425	Econo	mics of the	Firm		(M50) Ene	ergy Management, Master Academic Studies		
18.	IMDR88	Planni investr	ng and impl ment cvcle	lementing cost structure o	f the	(I20) Indus Doctoral A	strial Engineering / Engineering Management, cademic Studies		
Rec	Representative refferences (minimum 5, not more than 10)								



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



Study Programme Accreditation

UNDERGRADUATE ACADEMIC STUDIES

Re	Representative refferences (minimum 5, not more than 10)						
1.	Leković B., Ivanišević A., Marić B., Demko-Rihter J.: ASSESSMENT OF THE MOST SIGNIFICANT IMPACTS OF ENVIRONMENT ON THE CHANGES IN COMPANY COST STRUCTURE, Economic Research, 2013						
2.	Milovanović Z.N., Knežević D., Ivanišević A., Jocanović M., Mitrović S.: ECONOMICAL EVALUATION OF THE PROJECT ON REPLACEMENT OF HEATING PLANT WITH CO-GENERATION HEAT AND POWER PLANT BY THE END OF 2030., Metalurgia International, 2013, No.4						
3.	Marić B., Ivanišević A.: THE EFFECT OF PER Metalurgia International, 2013	MANENT WORKING	CAPITAL ON TH	E QUALITY OF INVESTME	NT PROJECTS,		
4.	Marić B., Ivanišević A., Mitrović S., Sreto A., Mihailo R.: Analysis of internal rate of return on investments: Dynamic and static approach, African Journal of Business Management, 2011, Vol. 5, No 8, pp. 3269-3273, ISSN 1993-8233						
5.	Katić I, Ivanišević A., Penezić N., Lalić G., Tasić N.: EFFECTS OF FATIGUE TO OPERATIONAL PRODUCTIVITY WITH EMPLOYEES, Metalurgia International, 2013						
6.	Mitrović S., Milisavljević S., Ćosić I., Leković B., Grubić-Nešić L., Ivanišević A.: Change in leadership styles in a transitional economy: A serbian case study, African Journal of Business Management, 2011, Vol. 5, No 9, pp. 3563-3569, ISSN 1993-8233						
7.	Alpar Lošonc, Andrea Ivanišević, Slavica Mitrović "Globalizacija-rešenja i dileme" Monografija, Fakultet tehničkih nauka, Novic Sad, 2009. (ISBN 978-86-7892-207-7, COBISS.SR-ID 244134407. (1-263)						
8.	Lošonc (Losoncz) A., Ivanišević A., Mitrović S. 1-232, ISBN 978-86-7892-375-3, UDK: 268964	: Strukturalna kriza: fo 1871	orme i uzroci, Nov	i Sad, Fakultet tehnickih nat	uka, , 2012, str.		
9.	Razvoj sistema za planiranje praćenje i uskalđ okruženju, Fakultet tehničkih nauka Novi Sad,	ivanje ključnih segmer 2011	nata poslovanja ir	idustrijskog distema u skaldi	u sa promena u		
10.	Lošonc A., Radivojević R., Ivanišević A., Pejić S.: TOYOTISM AS A BASIS FOR CORPORATE CULTURE AND WORK ORGANIZATIONS, 1st International Scientific Conference on Lean Tehnologies, Novi Sad, Sertember 2012., pp. 100-106						
Sur	mmary data for teacher's scientific or art and profe	essional activity:					
Quot	ation total :	0	0				
Tota	of SCI(SSCI) list papers :	6					
Curre	ent projects :	Domestic :	3	International :	0		



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



Study Programme Accreditation

UNDERGRADUATE ACADEMIC STUDIES

Graphic Engineering and Design

Name and last name:					Ivanović V. Dragan				
Academic title:			Assistant Professor						
Name of the institution where the teacher works full time and			Faculty of Technical Sciences - Novi Sad						
starting date:			01.04.2007						
Scier	ntific or art f	ield:		c.	Applied Comp	outer Sciend	ce and Informatics		
Acad	lemic cariee	er	Year	Institution			Field		
Acad	lemic 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	5	2006	Faculty of Technical Science	ences - Novi Sa	ad	Informatics		
Magi	ster thesis		-				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	ogramme name, study type		
						(E20) Cor Academic	nputing and Control Engineering, Undergraduate Studies		
1	E2E40	YML a				(MR0) Me Undergrad	asurement and Control Engineering, luate Academic Studies		
1.	EZE40	XML and WEB Services				(SE0) Sof Undergrad	tware Engineering and Information Technologies, uate Academic Studies		
						(SEL) Sof Loznica, U	tware Engineering and Information Technologies - Indergraduate Academic Studies		
2.	GG11	Fundamentals in Computing				(G00) Civ	il Engineering, Undergraduate Academic Studies		
3.	ISIT20	Object-oriented Programming Platforms				(SII) Softw Undergrad	(SII) Software and Information Technologies (Inđija), Undergraduate Professional Studies		
4.	ISIT32	Technologies and platforms for digital conte documents management			ents and	(SII) Software and Information Technologies (Inđija), Undergraduate Professional Studies			
5.	ISIT41	eGove	ernment tecl	nnologies and systems		(SII) Softv Undergrad	oftware and Information Technologies (Inđija), graduate Professional Studies		
6.	ISIT47	E-lear	ning tools a	nd technologies		(SII) Softv Undergrad	vare and Information Technologies (Inđija), uate Professional Studies		
						(F00) Gra Academic	phic Engineering and Design, Undergraduate Studies		
		Introduction to Programming				(MR0) Me Undergrad	asurement and Control Engineering, uate Academic Studies		
7.	SE0001					(P00)Pro Studies	duction Engineering, Undergraduate Academic		
					(SE0) Sof Undergrad	tware Engineering and Information Technologies, uate Academic Studies			
						(SEL) Sof Loznica, U	tware Engineering and Information Technologies - Indergraduate Academic Studies		
	000400	Oral -	nd			(SE0) Sof Undergrad	tware Engineering and Information Technologies, luate Academic Studies		
δ.	SES103	Ural a	na written c	ommunication skills		(SEL) Sof Loznica, U	tware Engineering and Information Technologies - Indergraduate Academic Studies		
	050001					(SE0) Sof Undergrad	tware Engineering and Information Technologies, uate Academic Studies		
9.	SES301	II Law	I			(SEL) Sof Loznica, U	tware Engineering and Information Technologies - ndergraduate Academic Studies		
	F0505	D: '' '	Anglei			(E20) Cor Academic	nputing and Control Engineering, Master Studies		
10. E2507		Digital Archives				Academic Studies (SE0) Software Engineering and Information Technologies, Master Academic Studies			


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

Study Programme Accreditation

Graphic Engineering and Design

UNDERGRADUATE ACADEMIC STUDIES

LISU		leing heid by the teacher in the accied	nied study programme	.5			
	ID	Course name		Study program	me name, study type		
				(E20) Computin Academic Studie (MR0) Measure	ig and Control Engineering, I es ment and Control Engineerir	Master ng. Master	
11	F2521	Business Process Management		Academic Studies (SE0) Software Engineering and Information Technologies, Master Academic Studies			
	L2021	Dusiness i rocess management					
				(E10) Power, Ele Engineering, Ma	ectronic and Telecommunica Ister Academic Studies	tion	
10		Contemporary educational technolog	rice and standards	(E20) Computin Academic Studie	ig and Control Engineering, I es	Vaster	
12.	E2323		gies and standards	(SE0) Software Master Academi	Engineering and Information	n Technologies,	
13.	SEM013	E-government technologies		(SE0) Software Master Academi	Engineering and Information	n Technologies,	
14.	DRNI02	Selected Topics in Advanced Softwa	are Architecture	(E20) Computin Academic Studie	ig and Control Engineering, I es	Doctoral	
15.	15. DRNI06 Selected Topics in Digital Archives (E20) Computing and Control Engineering, Doct Academic Studies						
16.	6. DRNI13 Selected Topics in Scientific-research Activity managament (E20) Computing and Control Engineering, Doctoral Academic Studies						
Representative refferences (minimum 5, not more than 10)							
1.	 Ivanović, D., Surla, D. & Racković, M. (2010), "A CERIF data model extension for evaluation and quantitative expression of scientific research results", Scientometrics, DOI 10.1007/s11192-010-0228-2, Vol. 86, No. 1, pp. 155-172 						
2.	 Ivanovic, L., Ivanovic, D., Surla, D. (2012), "A data model of theses and dissertations compatible with CERIF, Dublin Core and EDT-MS", Online Information Review, Vol. 36, No. 4, pp. 568-586 						
3.	Ivanović, the MAR pp. 229-2	D., Milosavljević, G., Milosavljević, B. C 21 format", Program: Electronic liba 251	& Surla, D. (2010), "A rary and information s	CERIF-compatib ystems, DOI: 10.	ble research management sy 1108/00330331011064249, \	stem based on /ol. 44, No. 3,	
4.	Ivanović, DOI: 10.1	D., Surla, D. & Konjović, Z. (2010), "C 1108/02640471111111433, Vol. 29, N	CERIF compatible data o. 1, pp. 52-70	model based on	MARC 21 format", The Elec	tronic Library,	
5.	Milosavlje Compliar	ević, G., Ivanović, D., Surla, D. & Milos It Research Management System", Th	savljević, B. (2010), "A ne Electronic Library, V	utomated Constr /ol. 29, No 5, pp.	uction of the User Interface f 565-588	or a CERIF-	
6.	Kovacevi publicatio	c, A., Ivanovic, D., Milosavljevic, B., K ons for CRIS systems", Program: elect 00330331111182094	onjovic, Z., Surla, D. (cronic library and inforr	2011), "Automation systems, N	c extraction of metadata from /ol. 45, No. 4, pp.376 – 396,	n scientific DOI:	
7.	Ivanović, Reposito	L., Ivanović, D., Surla, D. (2012), Intery at the University of Novi Sad, Repu	gration of a Research blic of Serbia, Library	Management Sys resources and Te	stem and an OAI-PMH Comp echnical services, Vol. 56, No	oatible ETDs 5. 2, pp. 104-112	
8.	Ivanović Science a	D., Surla D., Racković M.: Journal ev and Information Systems (ComSIS), 2	aluation based on bibli 012, Vol. 9, No 2, pp.	iometric indicators 791-811, ISSN 18	s and the CERIF data model 820-0214	, Computer	
9.	Informaci	ioni sistem naučno-istraživačke delatn	osti				
10.	Ivanović	D.: Sistemi za skladištenje naučnih sa	adržaja, Zadužbina An	drejević, 2011, IS	BN 978-86-7244-916-7		
Sur	nmary data	for teacher's scientific or art and profe	essional activity:				
Quot	ation total :		72				
Tota	of SCI(SS	CI) list papers :	8				
Curre	ent projects	:	Domestic :	2	International :	1	



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



Study Programme Accreditation

UNDERGRADUATE ACADEMIC STUDIES

Graphic Engineering and Design

Name and last name:					Jeličić D. Zoran			
Acad	lemic title:				Associate Professor			
Nam	e of the inst	titution v	vhere the te	acher works full time and	Faculty of Technical Sciences - Novi Sad			
starti	ng date:				01.11.1995			
Scientific or art field: Autom					Automatic Co	ontrol and Sy	ystem Engineering	
Acad	lemic caries	er	Year	Institution			Field	
Acad	lemic title e	lection:	2008	Faculty of Technical Sci	ences - Novi S	ad	Automatic Control and System Engineering	
PhD	thesis		2003	Faculty of Technical Sci	ences - Novi S	ad	Automatic Control and System Engineering	
Magi	ster thesis		1999	Faculty of Technical Sci	ences - Novi S	ad	Automatic Control and System Engineering	
Bach	elor's thesis	s	1995	Faculty of Technical Sci	ences - Novi S	ad	Automatic Control and System Engineering	
List o	of courses b	eing he	ld by the tea	acher in the accredited stu	udy programme	es		
		_						
	ID	Course	e name			Study pro	ogramme name, study type	
1.	AU41	Digital	Control Sv	stems		(E20) Cor Academic	nputing and Control Engineering, Undergraduate Studies	
		9.00.				(MR0) Me Undergrad	easurement and Control Engineering, luate Academic Studies	
						(E20) Cor Academic	nputing and Control Engineering, Undergraduate Studies	
	F007	o // ·				(MR0) Me Undergrad	easurement and Control Engineering, luate Academic Studies	
2.	E237	Optimi	zation wetr	lods		(SE0) Sof Undergrad	tware Engineering and Information Technologies, luate Academic Studies	
						(SEL) Sof Loznica, U	tware Engineering and Information Technologies - Indergraduate Academic Studies	
3.	E237A	Optimization Methods				(GI0)Geo Studies	desy and Geomatics, Undergraduate Academic	
4.	F404	Modelling, Simulation and Control				(F00) Gra Academic	phic Engineering and Design, Undergraduate Studies	
5.	GI005	Intelligent Control Systems				(GI0)Geo Studies	desy and Geomatics, Undergraduate Academic	
6.	H1405	Optimi	zation Meth	ods		(H00) Mechatronics, Undergraduate Academic Studies		
7.	H302	Contro	I Systems 2	2		(H00) Mechatronics, Undergraduate Academic Studies		
8.	BM118A	Nonlin	ear progran	nming and optimal control		(BM0) Bio Studies	medical Engineering, Undergraduate Academic	
9.	BM130A	Digital	control sys	tems in bioengineering		(BM0) Bio Studies	medical Engineering, Undergraduate Academic	
10.	E2316	Real-ti	me control	systems		(E20) Cor Academic	nputing and Control Engineering, Undergraduate Studies	
11.	SEAU01	Nonlin	ear progran	nming and evolutionary co	omputations	(SE0) Sof Undergrad	tware Engineering and Information Technologies, luate Academic Studies	
12.	SEAU03	Real-ti	me control	algorithms		(SE0)Sof Undergrad	tware Engineering and Information Technologies, luate Academic Studies	
						(E20) Cor Academic	nputing and Control Engineering, Master Studies	
13.	AU511	Adapti	ve and Adv	anced Control		(MR0) Me Academic	asurement and Control Engineering, Master Studies	
14.	AT03	Optimi design	zation and	control techniques in arch	itectural	(AH0) Arch	nitecture, Master Academic Studies	
15.	E2532	Autom	atic Control	Systems Project Manage	ement	(E20) Cor Academic	nputing and Control Engineering, Master Studies	
16.	DAU005	Select	ed Chapter	s in Optimization Methods	;	(M00) Me	chanical Engineering, Doctoral Academic Studies	
	DALIO					(E20) Cor Academic	nputing and Control Engineering, Doctoral Studies	
17.	DAU010	Select	ed Chapter	s in Nonlinear Control Sys	stems	(OM1) Ma Studies	thematics in Engineering, Doctoral Academic	
18.	DGI016	Selected Chapters in Systems and Signals				(GI0) Geo	desy and Geomatics, Doctoral Academic Studies	

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

Study Programme Accreditation

List c	List of courses being held by the teacher in the accredited study programmes							
	ID	Course name		Study programme name, study type				
19.	DAU005	Selected Chapters in Optimization M	lethods	(E20) Computing and Control Engineering, Doctoral Academic Studies				
Rep	oresentative	e refferences (minimum 5, not more th	an 10)					
1.	Jeličić Z. Learning	, Kulić F., Čongradac V., Kanović Ž., ž , INDAS, 2003.	Źivković S.,Praktikum S	Savremena merenja i instrumentacija iz programa Lifelong				
2.	Jeličić Zo Structura	ran; Petrovački Nebojša; Optimality C I and Multidisciplinary Optimization IS	conditions and a Soluti SN: 1615-147X ,Vol. 3	on Scheme For Fractional Optimal Control Problems, 88, No. 6, Str. 571-581, Springer;				
3.	Rapaić Milan; Pisano Alessandro; Jeličić Zoran; Usai Elio; Sliding mode control approaches to the robust regulation of linear 3. multivariable fractional order dynamics - International Journal of Robust and Nonlinear Control Volume 20, Issue 18, pages 2045–2056. December 2010							
4.	4. Rapaić Milan; Jeličić Zoran; Optimal control of a class of fractional heat diffusion systems, Nonlinear Dynamics Volume 62, Numbers 1-2, 39-51, DOI: 10.1007/s11071-010-9697-3, Springer;							
5.	5. Z. D. Jeličić, T. M. Atanacković, Optimal shape of a vertical rotating column, International Journal of Non-Linear Mechanics, 42, 172 – 179, (2007).							
6.	 Zeljko Kanovic, Milan R Rapaic, Zoran D Jelicic, Generalized particle swarm optimization algorithm-Theoretical and empirical analysis with application in fault detection, Applied mathematics and computation, Volume 217, Issue 24, 15 August 2011, Pages 10175–10186. 							
7.	Jeličić, Z OPTIMIZ	. D. Atanacković, T. M.,On an optimiz ATION, (2006) vol.32 br.1 str. 59-64	ation problem for elas	tic rods, STRUCTURAL AND MULTIDISCIPLINARY				
8.	 Milena Petković, Milan R Rapaić, Zoran D Jeličić, Alessandro Pisano, On-line adaptive clustering for process monitoring and fault detection, Expert Systems with Applications, Volume 39, Issue 11, 1 September 2012, Pages 10226–10235. 							
9.	9. T. M. Atanacković, Z. D. Jeličić, Optimal shape and deformations of a lifting line with winglets. Bulletin de l"Académie Serbe des Sciences et des Arts. Classe des Sciences techniques 29, 57-79 (2003).							
10.	10. T. M. Atanackovic, Y. Huo, Z. Jelicic, I. Mueller, Phase diagrams modified by interfacial penalties, Theoret. Appl. Mech., Vol.34, No.4, pp. 301-338, Belgrade 2007.							
Sur	nmary data	for teacher's scientific or art and profe	essional activity:					
Quot	ation total :		105					
Total	of SCI(SS	CI) list papers :	7					
Curre	ent projects		Domestic ·	2 International: 1				



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



Study Programme Accreditation

UNDERGRADUATE ACADEMIC STUDIES

Graphic Engineering and Design

Name and last name:			Jović Đ. Miomira					
Acad	emic title:				Foreign Language Lecturer			
Nam	e of the inst	itution v	vhere the te	acher works full time and	Faculty of Sciences - Novi Sad			
starti	ng date:				01.09.2001			
Scier	ntific or art f	ield:			German			
Acad	emic caries	er	Year	Institution			Field	
Acad	emic title el	ection:	2005				German	
Bach	elor's thesis	S	1973				German	
List c	of courses b	eing he	ld by the tea	acher in the accredited stu	udy programme	s		
ID Course name				Study pro	gramme name, study type			
1.	F331	Germa	an Languag	e – LSP Course 2		(F00) Gra Academic	phic Engineering and Design, Undergraduate Studies	
						(A00) Arcł	nitecture, Undergraduate Academic Studies	
						(AS0) Sce Undergrad	nic Architecture, Technique and Design, uate Academic Studies	
						(F00) Gra Academic	phic Engineering and Design, Undergraduate Studies	
2	N.I017	German Language – Elementary				(Z01) Safety at Work, Undergraduate Academic Studies		
	10012					(ZC0) Clean Energy Technologies, Undergraduate Academic Studies		
						(ZP0) Disa Undergrad	aster Risk Management and Fire Safety, uate Academic Studies	
						(Z20) Environmental Engineering, Undergraduate Academic Studies		
						(F00) Gra Academic	phic Engineering and Design, Undergraduate Studies	
						(G00) Civil Engineering, Undergraduate Academic Studies		
					 (M20) Mechanization and Construction Engineerin Undergraduate Academic Studies (M30) Energy and Process Engineering, Undergra Academic Studies 		chanization and Construction Engineering, uate Academic Studies	
							ergy and Process Engineering, Undergraduate Studies	
						(M40) Teo Undergrad	chnical Mechanics and Technical Design, uate Academic Studies	
	NUCCI					(P00) Proo Studies	duction Engineering, Undergraduate Academic	
3.	NJU2L	Germa	an Languag	e – Pre-Intermediate		(S00) Traf Academic	fic and Transport Engineering, Undergraduate Studies	
						(S01) Pos Undergrad	tal Traffic and Telecommunications, uate Academic Studies	
						(Z01) Safe	ety at Work, Undergraduate Academic Studies	
						(ZC0) Clea Academic	an Energy Technologies, Undergraduate Studies	
						(ZP0) Disa Undergrad	aster Risk Management and Fire Safety, uate Academic Studies	
						(Z20) Environmental Engineering, Undergraduate Academic Studies		
4.	NJ05	Germa	an Languag	e for GRID 1		(F00) Gra Academic	phic Engineering and Design, Undergraduate Studies	
5.	NJ06	German Language for GRID 2			(F00) Graphic Engineering and Design, Undergraduate Academic Studies			



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



Study Programme Accreditation

UNDERGRADUATE ACADEMIC STUDIES

List c	of courses b	eing held by the teacher in the accred	lited study programme	S				
	ID	Course name		Study programme name, study type				
				(E20) Computing and Control Engineering, Undergraduate Academic Studies				
6.				(F10) Engineering Animation, Undergraduate Academic Studies				
	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 naz	tiv na engleskom)	(Z20) Environmental Engineering, Undergraduate Academic Studies				
10.	F508	German Language for GRID 3		(F00) Graphic Engineering and Design, Master Academic Studies				
11.	nja	German Language in Architecture		(AH0) Architecture, Master Academic Studies				
Rep	oresentative	e refferences (minimum 5, not more th	an 10)					
Sur	nmary data	for teacher's scientific or art and profe	essional activity:					
Quot	ation total :							
Total	of SCI(SSO	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

Graphic Engineering and Design

Name and last name:				ĺ	lureša P. Goran					
Acad	e and last n	ame.								
Nom	entite une.	itution	whore the te	achar warks full tim	a and	Faculty of Technical Sciences - Novi Sad				
starti	e of the insi ng date:	itution v	vnere the te	acher works full tim	ie and	01 04 2005				
Scier	ntific or art f	ield:				Graphic Engineering and Design				
Acad	emic caries	er	Year	Institution		Field				
Acad	emic title el	ection:	2010	Faculty of Technic	cal Scie	ences - Novi S	ad	Graphic Engineering and Design		
PhD	thesis		2010					Fine Arts		
Magi	ster thesis		2002	Academy of Arts -	- Novi S	Sad		Fine Arts		
Bach	elor's thesis	3	1998	Academy of Arts -	- Novi S	Sad		Fine Arts		
List c	of courses b	eing he	ld by the tea	acher in the accredi	ited stu	idy programme	s			
	ID	Course	e name				Study pro	ogramme name, study type		
1.	F111	Visual	Culture				(F00) Gra Academic	phic Engineering and Design, Undergraduate Studies		
2.	F112	Art and	d Culture				(F00) Gra Academic	phic Engineering and Design, Undergraduate Studies		
3.	F312	Funda	mentals of	spatial design			(F00) Gra Academic	phic Engineering and Design, Undergraduate Studies		
4.	F401	Graphic Design					(F00) Graj Academic	00) Graphic Engineering and Design, Undergraduate cademic Studies		
5.	F412l1	I1 Creative Calligraphy					(F00) Graj Academic	phic Engineering and Design, Undergraduate Studies		
6.	A315	The Processes in Artistic Creation					(A00) Arch	hitecture, Undergraduate Academic Studies		
7.	F506	Spatial Design				(F00) Graj Studies	phic Engineering and Design, Master Academi	ic		
8.	F510I1	Desigr	n of industri	al products			(F00) Gra Studies	phic Engineering and Design, Master Academi	ic	
9.	F510l2	Chara	cter and mo	ovement design			(F00) Gra Studies	phic Engineering and Design, Master Academi	ic	
Rep	oresentative	reffere	nces (minin	num 5, not more tha	an 10)					
1.	Jureša G Savreme 0-6, UDK	.: Jasm na umel : 73/76(ina Čubrilo tnička scen 497.113)"1	, Irina Subotić, Svet a", Galerija Tableau 9/20", 73/76.071.1(4	lana M ı, Novi 497.11	lladenov, Duša Sad, 2006., No 3):929"19/20"	n Todorović ovi Sad, Gal	5. Suzana Vuksanović, "Made in Novi Sad - lerija Tableau, 2006, str. 90-93, ISBN 86-9093	77-	
2.	Jureša G	.: Učeš	će na izložt	oi: "Umetnici Galerij	e Zvon	o", Lavovski is	torijski muze	ej, Kijev, Ukrajina, 2010		
3.	Goran Ju	reša, "Is	storija čokol	ade", Galerija savre	emene	likovne umetn	osti, Pančev	/0, 2012		
4	Goran Ju	reša "le	storija čokol	ade". Kulturni centa	ari Vrša	ac. 2012		·		
5	Jureša G		anie rada u	okviru "Novosadsko		na" Zhirka Ra	ika Mamuzi	ća Novi Sad Kulturni centar Novon Sada 200	09	
6.	Jureša G	.: Učeš	će na izložt	bi: "Dialogues Paral	leles",	Francuski kultu	urni centar, E	Beograd, Francuski kulturni centar, Beograd, 2	2009	
7.	Jureša G	.: Učeš	će na izložt	bi: "Dani sprske kul	ture u	Rumuniji" Muz	ej umetnosti	i (Muzeul de Arta), Temišvar, Rumunija, 2009		
8.	Jureša G Sad, 200	.: Izlaga 8	anje u okvir	u projekta: "Umetno	ost u Ve	ojvodini danasʻ	, Muzej Sav	vremene umetnosti Vojvodine, Novi Sad, Novi		
9.	Jureša G	.: Samo	ostalna izlož	źba: "WOLFGANG"	, Galer	ija Zvono, Beo	grad, Beogr	rad, Galerija ZVONO, 2008		
10.	Goran Ju	reša, "Is	storija čokol	ade",Galerija Zvono	o, 2010)				
Sur	nmary data	for teac	her's scient	tific or art and profe	ssiona	l activity:				
Quot	ation total :				0					
Total	of SCI(SSC	CI) list p	apers :		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

Graphic Engineering and Design

Nam	Name and last name: Karlović Đ.				Karlović Đ. Ig). Igor		
Acad	emic title:				Assistant Professor			
Name of the institution where the teacher works full time and			Faculty of Technical Sciences - Novi Sad					
starting date:			01.04.2004					
Scientific or art field:					Graphic Engi	Graphic Engineering and Design		
Acad	emic cariee	er	Year	Institution		Field		
Acad	emic title el	lection:	2010	Faculty of Technical Sci	ences - Novi Sa	ad	Graphic Engineering and Design	
PhD	thesis		2010	Faculty of Technical Science	ences - Novi Sa	ad	Graphic Engineering and Design	
Magi	ster thesis		2007	Faculty of Technical Science	ences - Novi Sa	ad	Graphic Engineering and Design	
Bach	elor's thesis	S	2003	Faculty of Technical Science	ences - Novi Sa	ad	Graphic Engineering and 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.	F114	Graphi	ic applicatic	ns		(F00) Graj Academic	phic Engineering and Design, Undergraduate Studies	
2.	F208	Туре а	and Typogra	iphy		(F00) Graj Academic	phic Engineering and Design, Undergraduate Studies	
3.	F301	Repro	duction Tec	hnology		(F00) Graj Academic	phic Engineering and Design, Undergraduate Studies	
4.	F304I1	Digital	Photograp	ıy		(F00) Gra	phic Engineering and Design, Undergraduate Studies	
5.	F407	Colour	Science			(F00) Graj Academic	phic Engineering and Design, Undergraduate Studies	
6.	F411	Basics of game making				(F00) Graj Academic	phic Engineering and Design, Undergraduate Studies	
7.	F504I7	Digital Printing				(F00) Gra Studies	phic Engineering and Design, Master Academic	
8.	F504I9	Colour Management				(F00) Graj Studies	phic Engineering and Design, Master Academic	
9.	FDS141	Selected Chapters in Colour Management				(F00) Graj Studies	phic Engineering and Design, Doctoral Academic	
10.	FDS153	Colour	and Image	Appearance Models		(F00) Gra Studies	phic Engineering and Design, Doctoral Academic	
11.	FDS222	Lightne	ess and Co	our Perception		(F00) Graj Studies	phic Engineering and Design, Doctoral Academic	
Rep	oresentative	e refferei	nces (minin	num 5, not more than 10)				
1.	I.Karlović Prints, Jo	, D. Nov ournal of	/aković:Effe Imaging So	ct of Different Coating Am cience and Technology, M	nounts on the S larch/April 201	urface Roug	ghness and Print Gloss of Screen Coated Offset	
2.	Novakovi Tekstil, IS	ić, D., Ka SSN: 04	arlović I.,Go 92-5882,Vo	ijo M., Agić D.,:Utjecaj po I. 58, No. 8, Str. 384-392,	vršinskog opler	nenjivanja c	tiska na kolorimetrijske i vizualne karakteristike,	
3.	Szydlows	ska-Czei s, glucos	rniakAleksa sinolates an	ndra, Bartkowiak-Broda Iv d colour parameters of ra	wona, Karlović peseed cultivar	lgor, Karlov s,Food Che	ić Đerđ, SzlykEdward: Antioxidant capacity, total emistry ISSN: 0308-8146,127,2, pp 556-563	
4.	Kasikovic Textile M	Nemar aterials,	ija Novako TEKSTIL V	vic Dragoljub Karlovic Igo E KONFEKSIYON, (2012	or Vladic Gojko), vol. 22 br. 2,	:Influence c str. 115-124	of Ink Layers on the Quality of Ink Jet Printed 4	
5.	Reprodul	kciona te	ehnika,priru	čnik za vežbe, Novi Sad 2	2008, COBISS.	SR-ID 2341	81639	
6.	TOMIĆ I, inženiera	KARLC i tehnič	VIĆ I:, NO ara Srbije. I	/AKOVIĆ D.: Crna tačka i 3eograd, 2009	transformacija	boja, Časo	pis Grafičar broj 8, pp 6-9, Savez grafičkih	
7.	KARLOV RAZLIČI stručnog	IĆ I., NO TIM KOL simpozi	DVAKOVIĆ ₋IČINAMA \ juma GRID	D., STIPANČEVIĆ T., TC /ODODISPERZIVNIH LA 2008, pp. 155-164, Fakul	MIĆ I.: UTICA KOVA NA VIZU tet tehničkih na	J POVRŠIN JELNI OSEG auka, Novi S	SKOG OPLEMENJIVANJA UZORAKA SA ĆAJ BOJA, Zbornik radova Četvrtog naučno- šad, 2008	
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9.	NOVAKO OFFSET Zagreb)VIĆ D., PRINTI	KARLOVIC NG PLATE	C I., GOJO M.: INFLUENC MATRIB 2009 PROCEE	E OF THE SU DINGS, pp 142	RFACE CH/ 2-148,Hrvats	ARACTERISTICS ON THE QUALITY OF THE sko društvo za materijale i tribologiju, 2009,	
10.	Karlović I conferenc for Graph	., Tomić ce of the nic Arts T	: I., Novako Internetior Fechnology	vić D., Jurič (Rilovski) I.: I al Circle of Educational Ir and Management. Norrkč	Evaluation of d nstitutes oping: Internatio	istinctness o	of image enhanced printed samples, 43. 19-23 Septembar, 2011, pp. 13-19	
9. 10.	OFFSET Zagreb Karlović I conferenc for Graph	PRINTI ., Tomić ce of the nic Arts T	NG PLATE 1., Novako Internetior Fechnology	MATRIB 2009 PROCEE vić D., Jurič (Rilovski) I.: I al Circle of Educational Ir and Management, Norrkč	DINGS, pp 142 Evaluation of d nstitutes oping: Internatio	2-148,Hrvats istinctness c onal Circle,	sko društvo za materijale i tri of image enhanced printed si 19-23 Septembar, 2011, pp.	



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

Study Programme Accreditation

Graphic Engineering and Design



UNDERGRADUATE ACADEMIC STUDIES

Summary data for teacher's scientific or art and professional activity:						
Quotation total :	0					
Total of SCI(SSCI) list papers :	4					
Current projects :	Domestic :	1	International :	0		



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



Study Programme Accreditation

UNDERGRADUATE ACADEMIC STUDIES

Graphic Engineering and Design

Nam	Name and last name: Ka			Kašiković D.	Kašiković D. Nemanja				
Academic title:			Assistant Professor						
Name of the institution where the teacher works full time and			Faculty of Te	chnical Scie	nces - Novi Sad				
Starting date.			01.12.2008		Desire				
Scier	ntific or art f		Veer	Institution	Graphic Engli				
Acad		er La ationa	Year	Institution	energe Nevi C	e d	Field		
Acad	thesis	lection:	2012	Faculty of Technical Sci	ences - Novi Si	ad	Graphic Engineering and Design		
Magi	stor thosis		2012	Faculty of Technical Sci	oncos Novi S	au	Graphic Engineering and Design		
Bach	elor's thesis		2010	Faculty of Technical Sci	ences - Novi S	au ad	Graphic Engineering and Design		
List	of courses h	eina he	d by the te	acher in the accredited stu	Idv programme				
LIOU									
	ID	Course	e name			Study pro	gramme name, study type		
1.	F114	Graphi	ic applicatic	ons		(F00) Gra Academic	phic Engineering and Design, Undergraduate Studies		
2.	F201	Introdu	uction to Gra	aphic Technologies		(F00) Gra Academic	phic Engineering and Design, Undergraduate Studies		
3.	F206	Graphi	ic Processe	S		(F00) Gra Academic	phic Engineering and Design, Undergraduate Studies		
4.	F211I1	Graphi	ic design pr	oducts		(F00) Gra Academic	phic Engineering and Design, Undergraduate Studies		
5.	F303	Printing Techniques				(F00) Gra Academic	(F00) Graphic Engineering and Design, Undergraduate Academic Studies		
6.	F306	Graphic Systems				(F00) Graphic Engineering and Design, Undergraduate Academic Studies			
7.	F308	Print finishing				(F00) Gra Academic	phic Engineering and Design, Undergraduate Studies		
8.	F502	Graphic Packaging				(F00) Gra Studies	phic Engineering and Design, Master Academic		
9.	F504I7	Digital Printing				(F00) Gra Studies	phic Engineering and Design, Master Academic		
10.	F504I9	Colour	Managem	ent		(F00) Graphic Engineering and Design, Master Academic Studies			
11.	F510l3	Metho	d of researd	ch		(F00) Graphic Engineering and Design, Master Academic Studies			
12.	FDS221	Select	ed Chapter	s in Packaging		(F00) Gra Studies	phic Engineering and Design, Doctoral Academic		
13.	FDS223	Selector and Pr	ed Chapters	s in Contemporary Graphi	c Systems	(F00) Graphic Engineering and Design, Doctoral Academic Studies			
Rep	oresentative	e refferei	nces (minin	num 5, not more than 10)					
1.	Kašiković 2012	N.: Ra	zvoj model	a praćenja procesnih para	ametara štampe	e tekstilnih n	naterijala, Novi Sad, Fakultet tehničkih nauka,		
2.	Kašiković TEXTILE	N., Nov MATEF	vaković D., RIALS, Teks	Karlović I., Vladić G.: INF stil ve konfeksiyon, 2012, '	LUENCE OF I Vol. 22, No 2, p	NK LAYERS pp. 115-124,	S ON THE QUALITY OF INK JET PRINTED ISSN 1300-3356		
3.	Novakovi difference 5882, UD	ić D., Ka es on the 0K: 677.8	išiković N., e digitally p 856:677.01	Zeljković Ž., Agić D., Gojc rinted textile materials, ori 6.413.4	M.: Thermog ginal scientific	raph analys paper, Teks	is of thermal effects on the change of colour til, 2010, Vol. 59, No 7, pp. 297-306, ISSN 0492-		
4.	Kašiković	N.: Isti	raživanje ut	icajnih parametara na otis	ak kod tekstiln	ih materijala	a, Novi Sad, Fakultet tehničkih nauka, 2010		
5.	Tehnike s	štampe-	praktikum z	a vežbe					
6.	Vladić G. Judgmen 658.512.2	, Kašiko t, JGED 2.87:014	vić N., Avra Journal of 1.11:621.79	amović D., Milić N.: Pet B Graphic Engineering and 8.147	ottle Design, C Design, 2012,	orrelation A Vol. 3, No 1	nalysis Of Pet Bottle Characteristics Subjective , pp. 9-14, ISSN 2217-379X, UDK:		
7.	Novakovi Design, 2	ć D., Ka 2011, Vo	išiković N., bl. 3, No 4, p	Vladić G.: Investigation o pp. 241-246, ISSN 1821-1	f thermal effect 259	ts on textile	materials printed by digital printing, Machine		
8.	Vladić G. of bottle o	, Kašiko characte	vić N.: PE eristics, Mac	T bottle design, analysis o chine Design, 2011, Vol. 3	f correlation be , No 4, pp. 289	etween visua -292, ISSN	al aesthetic impression and subjective judgments 1821-1259		



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



Study Programme Accreditation

UNDERGRADUATE ACADEMIC STUDIES

Rep	Representative refferences (minimum 5, not more than 10)							
9.	Novaković D., Kašiković N., Vladić G.: Influence of polyethylene (PE) and polyvinyl chloride (PVC) substrates and the printing machine on the color range in wide format printing, Journal of the University of Chemical Technology and Metallurgy, 2011, Vol. 46, No 3, pp. 237-242, ISSN 1311-7629							
10.	Kašiković N., Novaković D., Vladić G., Klančnik M.: Influence Of Heat Treathment On Caracteristics Of Inkjet Prints On Textile Material, JGED Journal of Graphic Engineering and Design, 2011, Vol. 2, No 1, pp. 24-30, ISSN 2217-379X, UDK: 677.057.5							
Sur	nmary data for teacher's scientific or art and profe	essional activity:						
Quot	Quotation total : 0							
Total of SCI(SSCI) list papers : 2								
Curr	ent projects :	Domestic :	1	International :	0			



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



Study Programme Accreditation

UNDERGRADUATE ACADEMIC STUDIES

Graphic Engineering and Design

			Katié M. Marina					
Name and last name:		Katić M. Marina						
Acad	lemic title:				Lecturer	Lecturer		
Nam	e of the insi	titution v	vhere the te	eacher works full time and	Faculty of Technical Sciences - Novi Sad			
			01.10.2001	01.10.2001				
Scier	ntific or art f	ield:			English			
Acad	lemic carlee	er	Year	Institution			Field	
Acad	lemic title e	lection:	2010	Faculty of Technical Sci	ences - Novi S	ad	English	
Mast	er's thesis		2009	Faculty of Philology - Be	eograd		English	
Magi	ster thesis		2006	Faculty of Philology - Be	eograd		Engineering Management	
Bach	elor's thesi	S	1987	Faculty of Philosophy - I	Novi Sad		English	
List o	of courses b	eing he	ld by the tea	acher in the accredited stu	udy programme	es		
	ID	Course	e name			Study pro	ogramme name, study type	
1.	AEJ1L	Englis	h Language	e - Elementary		(A00) Arcl	hitecture, Undergraduate Academic Studies	
2.	AEJ2L	Englis	h Language	intermediate		(A00) Arcl	hitecture, Undergraduate Academic Studies	
3.	AEJ2Z	Englis	h intermedia	ate		(A00) Arcl	hitecture, Undergraduate Academic Studies	
4.	AEJ3Z	Englis	h Language	e - upper intermediate		(A00) Architecture, Undergraduate Academic Studies		
						(G00) Civ	I Engineering, Undergraduate Academic Studies	
						(M20) Mechanization and Construction Engineering, Undergraduate Academic Studies		
						(M30) Energy and Process Engineering, Undergraduate Academic Studies		
5.	EJ01L	Englisl	h Language	e – Elementary	(M40) Technical Mechanics and Technical Design, Undergraduate Academic Studies		chnical Mechanics and Technical Design, luate Academic Studies	
						(P00) Production Engineering, Undergraduate Academic Studies		
						(S00) Trat Academic	ffic and Transport Engineering, Undergraduate Studies	
						(S01) Postal Traffic and Telecommunications, Undergraduate Academic Studies		
						(E10) Pov Engineerin	ver, Electronic and Telecommunication g, Undergraduate Academic Studies	
						(F00) Gra Academic	phic Engineering and Design, Undergraduate Studies	
						(MR0) Me Undergrad	asurement and Control Engineering, luate Academic Studies	
6.	EJ01Z	Englis	h Language	e - Elementary		(Z01) Safe	ety at Work, Undergraduate Academic Studies	
						(ZC0) Cle Academic	an Energy Technologies, Undergraduate Studies	
						(ZP0) Disa Undergrad	aster Risk Management and Fire Safety, uate Academic Studies	
					(Z20) Envi	ronmental Engineering, Undergraduate Academic		

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



Study Programme Accreditation

UNDERGRADUATE ACADEMIC STUDIES

List o	of courses b	eing held by the teacher in the accredited study programme	s
	חו	Course name	Study

	ID	Course name	Study programme name, study type
			(E10) Power, Electronic and Telecommunication Engineering, Undergraduate Academic Studies
			(F00) Graphic Engineering and Design, Undergraduate Academic Studies
			(M20) Mechanization and Construction Engineering, Undergraduate Academic Studies
7.	EJ02L	English Language – Pre-Intermediate	(MR0) Measurement and Control Engineering, Undergraduate Academic Studies
			(Z01) Safety at Work, Undergraduate Academic Studies
			(ZC0) Clean Energy Technologies, Undergraduate Academic Studies
			(ZP0) Disaster Risk Management and Fire Safety, Undergraduate Academic Studies
			(Z20) Environmental Engineering, Undergraduate Academic Studies
			(I10) Industrial Engineering, Undergraduate Academic Studies
	E 1007	English Languaga - Dra Intermediate	(I20) Engineering Management, Undergraduate Academic Studies
0.	EJUZZ	ngnon Eanguage - r re-micrificulaic	(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
	= 10.11		(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

SITAS STUD

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Study Programme Accreditation

UNDERGRADUATE ACADEMIC STUDIES List of courses being held by the teacher in the accredited study programmes Graphic Engineering and Design

	ID	Course name	Study programme name, study type
			(E20) Computing and Control Engineering, Undergraduate
			(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
22		English Language ESD Course	(M30) Energy and Process Engineering, Undergraduate Academic Studies
23.	EJIM		(M40) Technical Mechanics and Technical Design, Undergraduate Academic Studies
			(P00) Production Engineering, Undergraduate Academic Studies
24.	EJPST	English Language in Postal Traffic	(S01) Postal Traffic and Telecommunications, Undergraduate Academic Studies
25.	EJSIT	English Language in Traffic and Transport	(S00) Traffic and Transport Engineering, Undergraduate

Academic Studies

UNIVERSITY OF NOVI SAD

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



Study Programme Accreditation

UNDERGRADUATE ACADEMIC STUDIES

Graphic Engineering and Design

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

LIOU			
	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
			(I10) 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
Rei	resentative	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

Rep	Representative refferences (minimum 5, not more than 10)								
1.	Marina Katić, Kostadin Pušara, "Standardization of E-Commerce Terminology", Annals of the Faculty of Engineering Hunedoara, Vol.III, Part 2, 2005, ISSN 1584-2665, Edition Mirton, Timisoara (Romania), pp.31-36.								
2.	M.Katić, "O tehnikama prevođenja nekih engleskih termina energetske elektronike", 11th International Symposium on Power Electronics – Ee 2001, Novi Sad, OctNov.2001, pp.154-157.								
3.	M.Katić, "Terminology of E-Commerce", 7th Int Hunedoara (Romania), Sept. 2003, CD-ROM –	ernational Symposium - Paper 0104.	n on Interdisciplina	ary Regional Research –	ISIRR 2003,				
4.	M.Katić, "Key Terms of Business Environment" 2003, .	, PSU-UNS Int. Confe	rence Energy and	d Environment, Hat Yai (1	Fhailand), Dec.				
5.	5. Marina Katić, Kostadin Pušara, "Need for E-Commerce Term Standardization and Harmonization", Western Business & Management Conference 2004, Las Vegas (USA), Oct.2004, CD ROM.								
6.	 Marina Katić, Kostadin Pušara, "Standardization of E-Commerce Terminology", VIII International Symposium on Interdisciplinary Regional Research - ISSIR 2005, Szeged (Hungary), 19-21. 04. 2005., University of Szeged, CD ROM. 								
7.	M.Katić, "Deregulacija u elektroprivredi sa aspe savetovanje o elektrodistributivnim mrežama, J CD ROM).	ekta tumačenja i prevo IUKO-CIRED, Vrnjačk	ođenja engleskih t a Banja, Okt. 200	ermina na srpski jezik", II l2, Sveska 4, P-7.04, pp.4	I Jugoslovensko 153-158, (knjiga i				
8.	M.Katić, "Engleski jezik u službi međunarodnog Vrnjačka Banja, Nov. 2002, pp.146-151	g menadžmenta", XII r	neđunarodna kon	ferencija Industrijski siste	emi – IS 2002,				
9.	M.Katić, "Anglicizmi u jeziku tehnike", XLVII Ko 244.	nferencija ETRAN, He	erceg Novi, Jun 20	003, CD-ROM i knjiga, Sv	veska 3, pp. 241-				
10.	M.Katić, K.Pušara, "Zašto je potrebna standardizacija termina elektronske trgovine", XLIX Konferencija za ETRAN, Budva, 0510. 06. 2005., Zbornik radova, CD-ROM i knjiga, Sveska 3, pp.238-241.								
Sur	mmary data for teacher's scientific or art and profe	essional activity:							
Quot	ation total :	0							
Tota	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

Graphic Engineering and Design

Name and last name:				Kiurski S. Jelena				
Academic title:			Full Professor					
Nam	e of the inst	titution w	where the te	acher works full time and	Faculty of Technical Sciences - Novi Sad			
starting date:			01.12.2001		2			
Scier	ntific or art f	ield:			Graphic Engil	neering and	Design	
Acad	emic carlee	er	Year	Institution				
Acad	emic title el	lection:	2011	Faculty of Technical Scie	ences - Novi Sa	ad	Graphic Engineering and Design	
PhD	thesis		1997	Faculty of Technology -	Novi Sad		Physical Chemistry Science	
Magi	ster thesis		1981	Faculty of Technology -	Novi Sad		Physical Chemistry Science	
Bach	elor's thesis	S	1974	Faculty of Technology -	Novi Sad		Chemist Science	
List o	of courses b	eing hei	d by the tea	acher in the accredited stu	idy programme	s		
	ID	Course	e name			Study pro	gramme name, study type	
1.	F103	Chemi	stry in Grap	hic Engineering		(F00) Gra Academic	phic Engineering and Design, Undergraduate Studies	
2.	F302	Chemi	graphy			(F00) Gra Academic	phic Engineering and Design, Undergraduate Studies	
3.	Z102	Techni	ical Chemis	try		(Z20) Envi Studies	ronmental Engineering, Undergraduate Academic	
4.	Z109	Chemi	cal Principle	es in Environmental Engin	neering	(Z20) Envi Studies	ronmental Engineering, Undergraduate Academic	
						(M20) Mee Undergrad (M30) Ene	chanization and Construction Engineering, uate Academic Studies ergy and Process Engineering, Undergraduate	
5.	Z151 Chemistry in Mechanical Engineering			Academic (M40) Tec Undergrad	Studies chnical Mechanics and Technical Design, uate Academic Studies			
						(P00) Prod Studies	duction Engineering, Undergraduate Academic	
						(ZC0) Clea	an Energy Technologies, Undergraduate Studies	
6.	Z153	Chemi	stry in Engi	neering		(Z01) Safety at Work, Undergraduate Academic Studies		
7.	Z155	Chemi	cal Principle	es in Engineering		(Z01) Safety at Work, Undergraduate Academic Studies		
8.	Z600	Chemi	cal Phenom	nena in Engineering		(ZP0) Disa Undergrad	aster Risk Management and Fire Safety, uate Academic Studies	
9.	F409	Graphi	ic Environm	ent		(F00) Graphic Engineering and Design, Master Academic Studies		
10.	FDS12	Select	ed Chapters	s in Chemistry		(F00) Gra Studies	phic Engineering and Design, Doctoral Academic	
Rep	oresentative	e reffere	nces (minim	num 5, not more than 10)				
1.	J.Janjić, . 235 (1994	J.Kiurski 4)	i, "Nonflame	e Atomic Fluorescence as	a Method for N	Aercury Tra	ces Determination", Water Research, 28(1), 233-	
2.	J.Janjić, I Drinking ^v	Lj.Čonki Water",	ć, J.Kiurski, Water Rese	J.Benak, "A Method for A earch, 31(3), 419-428 (199	Arsenic Level D 97)	eterminatio	n an a Device for Arsenic Elimination from	
3.	J.Kiurski, Polyhedro	D.Ž.Ob on, 18(5	adović, R.M), 741-747	larinković-Nedučin, E.Kiš, (1999)	, "Spinel-Type S	Structure of	Co in Conditions of HDS Catalysts Aging",	
4.	J.S. Kiurs scanning	ski, J.G. electror	Ranogajec n microscop	, A.L.Ujhelji, M.M.Radeka y and energy-dispersive s	, M.T.Bokorov, spectroscopy a	"Evaluation nalyses", So	of the effect of lichens on ceramic roofing tiles by canning, 27, 113-119 (2005)	
5.	M.Radek roofing til	a, J.Rar es", Jou	logajec, J.K Irnal of the I	iurski, S.Markov, R.Marin European Ceramic Societ	kovic-Neducin, y 27 (2007) 17	" Influence 6 63-1766	of lichen biocorosion on the quality of ceramic	
 E.Kiš, R.Marinković-Nedučin, G.Lomić, G.Bošković, D.Ž.Obadović, NiO-Al2O3 Catalyst", Polyhedron, 17(1), 27-34 (1998) 				, G.Lomić, G.Bošković, D dron, 17(1), 27-34 (1998)	.Ž.Obadović, J	.Kiurski, P.F	Putanov, Structural and Textural Properties of the	
7.	D.Ž.Obao 3634 (19	dović, J. 96)	Kiurski, R.N	larinković-Nedučin, Electr	onic States of	Ni(II) in Spir	nel-Type Structure", Polyhedron, 15(20), 3631-	
8.	J.S.Kiurs catalysts'	ki, D.Ž.C ',React.l)badović, R Kinet.Catal.	M.Marinković-Nedučin,"E Lett., Vol.82, No.1, 41-47	Energies of elec (2004)	ctronic state	s of promoter ions in hydrodesulfurization	
9.	JS Kiursk React.Kir	ki, DŽ Ol net.Cata	badović, EE I.Lett., Vol.8	Kiš, RP Marinković-Nedu 34,No.2, 359-366 (2005)	učin, "Electronio	c states of M	In(II) in the kaolinite nanostructure",	

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

1

International :

1

Domestic :

Total of SCI(SSCI) list papers :

Current projects :



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



Study Programme Accreditation

UNDERGRADUATE ACADEMIC STUDIES

Graphic Engineering and Design

Name and last name:			Kostić Z. Marko						
Acad	lemic title:				Associate Professor				
Name of the institution where the teacher works full time and			Faculty of Technical Sciences - Novi Sad						
starting date:				15.10.1999					
Scier	ntific or art f	ield:			Mathematics				
Acad	lemic cariee	er	Year	Institution			Field		
Acad	lemic 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 tea	acher in the accredited stu	udy programme	S			
	ID	Course	e name			Study pro	gramme name, study type		
1.	E121	Mathe	matical Ana	lysis 2		(E10) Powe	er, Electronic and Telecommunication g, Undergraduate Academic Studies		
2.	E135B	Mathe	matical Ana	lysis 2		(GI0) Geo Studies	desy and Geomatics, Undergraduate Academic		
						(E20) Con Academic	nputing and Control Engineering, Undergraduate Studies		
3.	E212	Mathe	matical Ana	lysis 1		(SE0) Soft Undergrad	tware Engineering and Information Technologies, uate Academic Studies		
						(SEL) Soft Loznica, U	tware Engineering and Information Technologies - ndergraduate Academic Studies		
4.	EOS07	Mathe	matics 2			(E01) Pow Energy, Ur	(E01) Power Engineering - Renewble Sources of Electrical Energy, Undergraduate Professional Studies		
5.	F101	Mathe	matics			(F00) Graj Academic	F00) Graphic Engineering and Design, Undergraduate		
6.	GI107	Mathe	matical Ana	lysis 1		(GI0) Geo Studies	 Geodesy and Geomatics, Undergraduate Academic idies 		
						(M20) Mea Undergrad	chanization and Construction Engineering, uate Academic Studies		
7	M400	Matha	matica O			(M30) Ene Academic	ergy and Process Engineering, Undergraduate Studies		
7.	INI 106	Mathe	matics 2			(M40) Tec Undergrad	hnical Mechanics and Technical Design, uate Academic Studies		
						(P00) Proo Studies	duction Engineering, Undergraduate Academic		
8.	M4202	Applie	d Mathemat	tical Analysis		(M40) Tec Undergrad	hnical Mechanics and Technical Design, uate Academic Studies		
9.	ISIT06	Matem	atika 2			(SII) Softw Undergrad	vare and Information Technologies (Inđija), uate Professional Studies		
10.	0M501	Functio	onal Analys	is		(OM1) Ma Studies	thematics in Engineering, Master Academic		
11.	0ML501	Functio	onal Analys	is		(OM1) Ma Studies	thematics in Engineering, Master Academic		
						(E11) Pow Engineerin	ver, Electronic and Telecommunication g, Specialised Academic Studies		
						(I12) Indus	strial Engineering, Specialised Academic Studies		
12.	DZ01MS	Selected Chapters in Mathematics			(I22) Engii Studies	neering Management, Specialised Academic			
						(Z00) Envi Studies	ironmental Engineering, Specialised Academic		
13.	Z506	20BAd	lvanced Co	urse in Mathematics 1		(ZP1) Disa Academic	aster Risk Management and Fire Safety, Master Studies		
						(Z20) Envii	ronmental Engineering, Master Academic Studies		
14.	Z506	Viši ku	rs matemat	ike 1(uneti naziv na engle	skom)	(Z20) Envii	ronmental Engineering, Master Academic Studies		
15.	D0M01	Functio	onal Analys	is 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

Graphic Engineering and Design

of courses being held by the teacher in the accredited study programm

LISU									
	ID	Course name		Study programme name, study type					
16.	D0M19	Functional Analysis 2		(OM1) Mathema Studies	atics in Engineering, Doctora	I Academic			
			(E10) Power, Electronic and Telecommunication Engineering, Doctoral Academic Studies						
				(E20) Computin Academic Studie	g and Control Engineering, [es	Doctoral			
				(F00) Graphic E Studies	ngineering and Design, Doc	toral Academic			
				(F20) Engineerii	ng Animation, Doctoral Acad	emic Studies			
				(G00) Civil Engi	neering, Doctoral Academic	Studies			
				(GI0) Geodesy a	and Geomatics, Doctoral Aca	ademic Studies			
4-	570414			(H00) Mechatro	nics, Doctoral Academic Stu	dies			
17.	17. D201M	Selected Chapters in Mathematics		(I20) Industrial E Doctoral Academ	Engineering / Engineering Ma nic Studies	anagement,			
				(M00) Mechanic	al Engineering, Doctoral Aca	ademic Studies			
				(M40) Technical	Mechanics, Doctoral Acade	mic Studies			
				(OM1) Mathema Studies	atics in Engineering, Doctora	l Academic			
			(S00) Traffic Engineering, Doctoral Academic Stu			ic Studies			
				(Z00) Environme Studies	ental Engineering, Doctoral <i>i</i>	Academic			
				(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	iwanese J. Math. 10 (2	2006), no. 3, 739-	-775.				
2.	Kostić M	arko,On analytic integrated semigroup	s. Novi Sad J. Math.	35 (2005), no. 1, 1	127135.				
3.	Kostić M (2003), 7	arko,Convoluted \$C\$-cosine function: 592.	s and convoluted \$C\$-	semigroups. Bull.	Cl. Sci. Math. Nat. Sci. Mat	h. No. 28			
4.	Kostić Ma	arko. On a class of quasi-distribution s	emigroups. Novi Sad	J. Math 36 (2). 13	7-152				
5.	M. Kostić	, P. J. Miana, Relations between distr	bution cosine function	is and almost-dist	ribution cosine functions, Ta	iwanese			
6	M Kostić	S Pilipović Global convoluted semi	arouns accepted in M	ath Nachr					
<u> </u>	M Kostić	S Pilipović: Convoluted C-cosine fu	nctions and semiarour	s Relations with	ultradistribution and hyperfu	nction sines			
7.	accepted	in J. Math. Anal. Appl.							
8.	M. Kostić	: Complex powers of operators, accept	oted in Publications De	e"I Institute Mathe	matique				
9.	M. Kostić	: C-Distribution semigroups, Studia M	ath. 185 (2008), 201	217.					
10.	M. Kostić	: Convoluted operator families and ab	stract Cauchy problem	ns, accepted in Kr	agujevac Journal of Mathem	natics			
Sur	nmary data	for teacher's scientific or art and profe	essional activity:						
Quot	ation total :		32						
Total	of SCI(SS	CI) list papers :	15						
Curre	ent projects	-	Domestic :	1	International :	0			



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



Study Programme Accreditation

UNDERGRADUATE ACADEMIC STUDIES

Graphic Engineering and Design

Name and last name:			Kovačić N. Ivana				
Acad	lemic title:				Associate Professor		
Name of the institution where the teacher works full time and			Faculty of Tee	Faculty of Technical Sciences - Novi Sad			
starti	ng date:				21.05.1998		
Scier	ntific or art f	ield:			Mechanics		
Acad	lemic cariee	er	Year	Institution			Field
Acad	lemic title el	ection:	2009	Faculty of Technical Sci	ences - Novi Sa	ad	Mechanics
PhD	thesis		2002	Faculty of Technical Sci	ences - Novi Sa	ad	Mechanics
Magi	ster thesis		1999	Faculty of Technical Sci	ences - Novi Sa	ad	Mechanics
Bach	elor's thesis	\$	1995	Faculty of Technical Scie	ences - Novi Sa	ad	Mechanics
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.	F107	Techni	cal Mechar	nics		(F00) Gra Academic	phic Engineering and Design, Undergraduate Studies
2.	GG14	Mecha	nics 2			(G00) Civi	I Engineering, Undergraduate Academic Studies
						(M20) Mee Undergrad	chanization and Construction Engineering, uate Academic Studies
3	M103	Mecha	nics 1			(M30) Ene Academic	ergy and Process Engineering, Undergraduate Studies
0.	WITCO	WCCHA				(M40) Teo Undergrad	nnical Mechanics and Technical Design, uate Academic Studies
						(P00) Proo Studies	duction Engineering, Undergraduate Academic
						(M20) Meo Undergrad	chanization and Construction Engineering, uate Academic Studies
	M407	Masha	ning Q			(M30) Ene Academic	ergy and Process Engineering, Undergraduate Studies
4.	WITO7	wecha	nics 2			(M40) Tec Undergrad	chnical Mechanics and Technical Design, uate Academic Studies
						(P00) Prod Studies	duction Engineering, Undergraduate Academic
						(M20) Mee Undergrad	chanization and Construction Engineering, uate Academic Studies
5	M201	Mocha	nice 3			(M30) Ene Academic	ergy and Process Engineering, Undergraduate Studies
5.	INIZO I	INICCIIA				(M40) Teo Undergrad	nical Mechanics and Technical Design, uate Academic Studies
						(P00) Proo Studies	duction Engineering, Undergraduate Academic
6.	M44071	Noise,	Vibration a	nd Design		(M40) Teo Undergrad	nnical Mechanics and Technical Design, uate Academic Studies
						(M00) Me	chanical Engineering, Doctoral Academic Studies
7.	DM401	Selecte	ed chapters	in Analytical Mechanics		(M40) Teo	chnical Mechanics, Doctoral Academic Studies
						(OM1) Ma Studies	thematics in Engineering, Doctoral Academic
8.	DM408	Nonline	erar Oscilla	tions		(M00) Meo (M40) Teo	chanical Engineering, Doctoral Academic Studies chnical Mechanics, Doctoral Academic Studies
9.	DZ003	Selecte	ed Chapters	s in Mechanics		(M00) Me	chanical Engineering, Doctoral Academic Studies
10.	FDS143	Selecte	ed Chapters	s in Technical Mechanics		(F00) Gra Studies	phic Engineering and Design, Doctoral Academic
Rep	oresentative	refferer	nces (minim	num 5, not more than 10)			
1.	Metod po	lja u neł	nolonomnoi	mehanici i teoriji nelinear	nih oscilacija. I	akultet tehr	ničkih nauka, Novi Sad, 2002
2	Samonor	udne os	scilaciie u p	rocesu rezania. Fakultet t	ehničkih nauka	Novi Sad	1999
2.	Zhirka ro	Sonih 70	datako iz S	tatika L Edicija Tohnička	kniigo_udžboni	, 101, 000,	kultet tehničkih nauka. Novi Sad. 2006
3. 4						ы izi, га	kultet tehniklih neulie. Neul Oct. 2000.
4.	4. Zbirka rešenih zadataka iz Statike II, Edicija, Tehničke knjige-udžbenici" 128, Fakultet tehničkih nauka, Novi Sad, 2006.						

4	AS STU		UNIVERSITY OF NO	VI SAD		WKWX W
AL DO REAL		FACULTY OF TECHNICAL SCI	ENCES 21000 NOVI	SAD, TRG DOSIT	EJA OBRADOVIĆA 6	STATE OF
0.2		Study F	Programme A	ccreditatio	on	Con Participation
'Op	LANTEN	UNDERGRADUATE ACADEMIC	STUDIES	Graphic	Engineering and Design	HOO
Rep	presentative re	efferences (minimum 5, not more th	an 10)			
5.	Cveticanin, Sound and	L., Kovacic, I., Parametrically excit Vibration, 2007, Vol. 304, No 1-2, p	ed vibrations of the os op. 201-212.	cillator with strong	g cubic negative noin-lineari	ty, Journal of
6.	Kovacic I., <i>1</i> 40, No 3, p	Adiabatic invariants of some time-dependent of the source	ependent oscillators, J	ournal of Physics	A: Mathematical and Gene	ral, 2007, Vol.
7.	Cveticanin, TRANSAC	L., Kovacic, I., On the dynamics of TIONS OF THE ASME, 2007, Vol. 7	bodies with continual 74, pp. 810-815.	mass variation, Jo	ournal of Applied Mechanics	-
8.	Kovacic I., <i>I</i> pp. 695-708	Adiabatic invariants of oscilltors with 3.	n one degree of freedo	om, Journal of So	ound and Vibration, 2007, Vo	ol. 300, No 3-5,
9.	Kovacic I., No. 5, pp 7	Conservation laws of two coupled n 51-760.	on-linear oscillators, Ir	nternational Journ	al of Non-Linear Mechanics	, 2006, Vol. 41,
10.	Kovacic, I., Mechanics,	Analysis of a weakly non-linear aut 2005, Vol. 40. No 5, pp 775-784.	onomous oscillator by	means of the fiel	d method, International Jour	nal of Nonlinear
Sun	nmary data fo	r teacher's scientific or art and profe	essional activity:			
Quotation total : 181						
Total	of SCI(SSCI)) list papers :	39			
Curre	ent projects :		Domestic :	2	International :	1



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



Study Programme Accreditation

UNDERGRADUATE ACADEMIC STUDIES

Graphic Engineering and Design

Name and last name: Kuzmanov					Kuzmanović I	rić B. Siniša		
Acad	emic title:				Full Professo	Full Professor		
Nam	e of the inst	titution v	vhere the te	acher works full time and	Faculty of Tee	chnical Scie	nces - 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	
Acad	emic title el	lection:	1996	Faculty of Technical Scie	ences - Novi Sa	ad	Machine Elements, Construction Principles, Machine and Mechanizm Theory, Power and Motion Transfer and Eng. Communication	
PhD	thesis		1980	Faculty of Mechanical E	ngineering - Be	eograd	Machine Elements,Construction Principles, Machine and Mechanizm Theory, Power and Motion Transfer and Eng.Communication	
Magi	ster thesis		1976	Faculty of Mechanical E	ngineering - Be	ograd	Machine Elements,Construction Principles, Machine and Mechanizm Theory, Power and Motion Transfer and Eng.Communication	
Bach	elor's thesis	S	1973	Faculty of Mechanical E	ngineering - Be	ograd	Thermal Energetics and Thermotechnics	
List c	of courses b	eing he	ld by the tea	acher in the accredited stu	idy programme	S		
	ID	Course	e name			Study pro	gramme name, study type	
1.	F408	Industr	rial Design			(F00) Gran	phic Engineering and Design, Undergraduate Studies	
2.	H205	Mecah	inical Eleme	ents 1		(H00) Mec	chatronics, Undergraduate Academic Studies	
3.	H208	Mecha	inical Eleme	ents 2		(H00) Mec	chatronics, Undergraduate Academic Studies	
						(M20) Med Undergrad (M30) Ene	chanization and Construction Engineering, uate Academic Studies ergy and Process Engineering, Undergraduate	
4.	M202	Mecha	nanical Elements			Academic Studies		
					(M40) Tec Undergrad		ecnnical Mechanics and Technical Design, aduate Academic Studies	
						(P00) Production Engineering, Undergraduate Academic Studies		
5.	M2419	Produc	ct Developm	nent		(M20) Mechanization and Construction Engineering, Undergraduate Academic Studies		
6.	URZP14	Funda	mentals of I	Mechanical Engineering		(ZP0) Disa Undergrad	aster Risk Management and Fire Safety, uate Academic Studies	
7.	F510I1	Desigr	n of industria	al products		(F00) Grap Studies	phic Engineering and Design, Master Academic	
8.	M2654	Specifi	ic Machine	Elements of Agricultural M	lachinery	(M22) Med Academic	chanization and Construction Engineering, Master Studies	
9.	M2656	Industr	rial design c	of agricultural machines		(M22) Med Academic	chanization and Construction Engineering, Master Studies	
10.	DM213	Conter Constr	nporary Me ucting	thods of Designing and M	achine	(M00) Med	chanical Engineering, Doctoral Academic Studies	
11.	DM215	Seelct	ed Chapters	s in Machine and Mechani	sms Theory	(M00) Med	chanical Engineering, Doctoral Academic Studies	
12.	DOM23	Produc	ct Developm	nent		(M00) Med	chanical Engineering, Doctoral Academic Studies	
13.	FDS211	Select	ed Chapters	s in Design		(F00) Grap Studies	phic Engineering and Design, Doctoral Academic	
14.	FDS214	FDS214 Selected Chapters in Industrial Product Modelling			delling	(F00) Grap Studies	phic Engineering and Design, Doctoral Academic	
Rep	presentative	e reffere	nces (minim	num 5, not more than 10)				
1.	Miltenovi wheels m	ć, V. A., ade fror	Kuzmanovi m sintered s	ić, B. S., Miltenović, Đ. V., steel, Thermal Science, 20	Tica, M. M., R)12, Vol. 16, Sı	ackov, J. M uppl. 2, pp. S	.: Thermal stability of crossed helical gears with S607-S619, doi:10.2298/TSCI120503190M.	
2.	Kuzmano 82-4	ović, S.:	Konstruisar	nje, oblikovanje i dizajn - 1	. deo, Fakultet	tehničkih na	auka, Novi Sad, 2006, str.357, ISBN 86-85211-	
3.	Kuzmano 57-3	ović, S.:	Konstruisar	nje, oblikovanje i dizajn - 2	. deo, Fakultet	tehničkih na	auka, Novi Sad, 2005, str.181, ISBN 86-85211-	
4.	Kuymanc	ović, S.:	Menadžme	nt proizvodima, Univerzite	t u Novom Sac	lu, Novi Sad	d, 2007, str.301, ISBN 978-86-499-0149-0	
5.	Kuzmanc 978-86-7	ović, S.: 892-282	Mašinski el 2-4	ementi - oblikovanje, prora	ačun i primena	Fakultet tel	hničkih nauka, Novi Sad, 2012, str.394, ISBN	

SITAS STUDIO			UNIVERSITY OF NO	VI SAD		HUKHX H	
		FACULTY OF TECHNICAL SCI	FACULTY OF TECHNICAL SCIENCES 21000 NOVI SAD, TRG DOSITEJA OBRADOVIĆA 6				
2.2		Study F	Programme A	ccreditatio	on	To a	
6	LANTER	UNDERGRADUATE ACADEMIC	STUDIES	Graphic	Engineering and Design	MOP	
Re	presentative re	efferences (minimum 5, not more th	an 10)				
6.	Kuzmanovi	ć, S.: Industrijski dizajn, Fakultet tel	nnickih nauka, Novi Sa	ad, 2012, str.329,	ISBN 978-86-7892-404-0		
7.	Kuzmanovi str.198, ISE	ć, S., Trbojević, R., Rackov, M.: Zbi 8N 978-86-7892-154-4	rka zadataka iz mašin	skih elemenata, F	Fakultet tehničkih nauka, No	bi Sad, 2009,	
8.	Kuzmanovi ISBN 978-8	ć, S.: Univerzalni zupčasti reduktori 36-7892-202-2	sa cilindričnim zupčar	nicima, Fakultet te	ehničkih nauka, Novi Sad, 2	009, str.231,	
9.	Kuzmanovi 86-81123-5	ć, S., Rackov, M.: Bezazorni preno i1-5	snici u vojnom mašins	tvu, Vojnotehničk	i institut, Beograd, 2012, str	.101, ISBN 978-	
10.	 Vereš, M., Harman, B., Kuzmanović, S., Rackov, M.: Determination of the Correct Mating Cylindrical Teeth Flanks Profiles When the Path of Contact is Given, Slovak University of Technology in Bratislava, Faculty of Mechanical Engineering, Bratislava, 2009, str. 145-151. ISBN 978-80-227-3326-7 						
Su	mmary data fo	or teacher's scientific or art and profe	essional activity:				
Quo	tation total :		0				
Tota	I of SCI(SSCI)) list papers :	1				
Curr	ent projects :		Domestic :	1	International :	2	



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



Study Programme Accreditation

UNDERGRADUATE ACADEMIC STUDIES

Graphic Engineering and Design

Nam	Name and last name:					Lazarević M. Milovan			
Acad	Academic title:					Assistant Professor			
Nam	e of the inst	titution v	vhere the te	acher works full time and	Faculty of Technical Sciences - Novi Sad				
Siarti	ng uale.	iold:			11.11.2000 Droduction St	votomo. Ora	anization and Management		
Acad	Academic carioer Vear Institution					ysterns, Org			
Acau		21	i cai	monution			Production Systems Organization and		
Acad	lemic title e	lection:	2010	Faculty of Technical Sci	ences - Novi S	ad	Management		
PhD	thesis		2009	Faculty of Technical Sci	ences - Novi S	ad	Engineering Management		
Magi	ster thesis		2006	Faculty of Technical Scie	ences - Novi S	ad	Production Systems, Organization and Management		
Bach	elor's thesis	S	2000	Faculty of Technical Science	ences - Novi S	ad	Production Systems, Organization and Management		
List o	of courses b	eing he	ld by the tea	acher in the accredited stu	udy programme	es			
	ID	Course	e name			Study pro	ogramme name, study type		
1.	EOS19	Disma	ntling and r	ecycling technologies		(E01) Pow Energy, Ur	ver Engineering - Renewble Sources of Electrical ndergraduate Professional Studies		
2	M316	Produc	ction System	ns		(GI0) Geo Studies	desy and Geomatics, Undergraduate Academic		
<u></u> .		11000				(M40) Tec Undergrad	chnical Mechanics and Technical Design, uate Academic Studies		
3.	II1012	Assem	bly Techno	logies		(110) Indus Studies	strial Engineering, Undergraduate Academic		
4.	II1017	Produc	ction Syster	n Design		(110) Indus Studies	strial Engineering, Undergraduate Academic		
5.	II1037	Disass	embly and	recycling technologies		(110) Indus Studies	strial Engineering, Undergraduate Academic		
6	11053	Produ	ction System	ne		(F00) Graphic Engineering and Design, Undergraduate Academic Studies			
0.	11000	TIOUU	clion Syster	115		(P00)Proo Studies	duction Engineering, Undergraduate Academic		
7	IM1027	Produ	ction system	ne	(I20) Engine Studies		neering Management, Undergraduate Academic		
,.	1011027	TTOUL				(MR0) Me Undergrad	asurement and Control Engineering, luate Academic Studies		
8.	IM1114	Energy	y Flows in tl	ne Enterprise		(I20) Engir Studies	neering Management, Undergraduate Academic		
9.	IM1119	Produ	ct managen	nent at end of life		(I20) Engir Studies	neering Management, Undergraduate Academic		
10	E1504	Manac	nement of S	mall and Medium Enternri	isos	(MR0) Me Academic	asurement and Control Engineering, Master Studies		
10.	L1004	Manag	jement or o		(E10) Po Engineer)) Power, Electronic and Telecommunication ineering, Master Academic Studies		
11.	IMDR0S	Select	ed chapters	in enterprise's design, or	ganization	(112) Indus (122) Engi	strial Engineering, Specialised Academic Studies neering Management, Specialised Academic		
		anu co				Studies	5 G		
12.	IMDS56	Produc	ct traceabilit	ty during the lifetime	00 00d	(112) Indus	strial Engineering, Specialised Academic Studies		
13.	IMDS57	Syster	ns at the E	nd of Product Lifecycle		(112) Indus	strial Engineering, Specialised Academic Studies		
14.	IMDS93	Virtual	Enterprises	s and Collaborative System	ms	(I22) Engi Studies	neering Management, Specialised Academic		
15	MPA444	Busing	ee intollige	nce concents		(I20) Engi Studies	neering Management, Specialised Professional		
10.		Business intelligence concepts				(IB0) Engineering Management - MBA, Specialised Professional Studies			
						(110) Indus	strial Engineering, Master Academic Studies		
16.	PLM02	Product Development and Management in I			² LM (11U) Industrial Engineering - Product Lifecycle Ma and Development, Master Academic Studies				

ASTAS STUDIO

UNIVERSITY OF NOVI SAD

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



A DUCK		Study Programme A			
	ZANTE	UNDERGRADUATE ACADEMIC STUDIES	Graphic Engineering and Design		
List o	of courses b	eing held by the teacher in the accredited study programme	28		
	ID	Course name	Study programme name, study type		
17.	PLM06	Technologies for Disposal at the Products End-Of-Life	(I1U) Industrial Engineering - Product Lifecycle Management and Development, Master Academic Studies		
18.	1907	Automated Assembly Systems for High Accuracy	(H00) Mechatronics, Master Academic Studies (PM0) Production Engineering, Master Academic Studies		
19.	IIDR5S	Advanced Engineering Technologies	 (112) Industrial Engineering, Specialised Academic Studies (122) Engineering Management, Specialised Academic Studies (M50) Energy Management, Master Academic Studies 		
20.	IIDS10	Effective technological and production structures	(112) Industrial Engineering, Specialised Academic Studies (122) Engineering Management, Specialised Academic Studies		
21.	IM2102	Manufacturing strategy (KAIZEN, LEAN, KANBAN, EFPS)	 (I10) Industrial Engineering, Master Academic Studies (M50) Energy Management, Master Academic Studies (I20) Engineering Management, Master Academic Studies 		
22.	IM2120	Virtual Enterprises	(I20) Engineering Management, Master Academic Studies		
23.	IM2124	Production and Service Systems	(H00) Mechatronics, Master Academic Studies (M50) Energy Management, Master Academic Studies		
24.	PLM02 Applied Product Development		(I20) Engineering Management, Specialised Professional Studies		
25.	IMDR0	Science of Industrial Engineering and 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 Procedures and Systems at the End of Product Lifecycle	(I20) Industrial Engineering / Engineering Management, Doctoral Academic Studies		
28.	IMDR93	Virtual Enterprises and Collaborative Systems	(I20) Industrial Engineering / Engineering Management, Doctoral Academic Studies		
29.	IMDR85	Effective technological and production structures	(I20) Industrial Engineering / Engineering Management, Doctoral Academic Studies		
Rep	presentative	refferences (minimum 5, not more than 10)			
1.	Vukelić Đ in RFID e	., Ostojić G., Stankovski S., Lazarević M., Tadić B., Hodolič nvironment, Assembly Automation, 2011, Vol. 31, No 1, pp	ć J., Simeunović N.: Machining fixture assembly/disassembly . 62-68, ISSN 0144-5154		
2.	Stankovs of accept	ki S., Ostojić G., Tarjan L., Škrinjar D., Lazarević M. : IML F ance 14. March 2010), Iranian Journal of Science & Techno	Robot Grasping Process Improvement (Article in press, Date ology, Transactions B, 2011, ISSN 1028-6284		
3.	Ostojić G Journal o	., Lazarević M., Stankovski S., Ćosić I. : RFID Technology / f Mechanical Engineering, 2008, Vol. 54, Broj 11, str. 759-7	Application in Disassembly Systems,Strojniski vestnik = 67, ISSN 0039- 2480, UDK: 658.5		
4.	Stankovs Cycle , A	ki S., Lazarević M., Ostojić G., Ćosić I., Purić R. : RFID Tec ssembly Automation, 2009, Vol. 29, Broj 4, str. 364-370, IS	chnology in Product/Part Tracking During the Whole Life SN 0144-5154		
5.	Lazarević product tr pp. 4776-	M., Ostojić G., Ćosić I., Stankovski S., Vukelić Đ., Zečević acking based on radio-frequency identification (RFID) tech 4787, ISSN 1992-2248	I.: Product lifecycle management (PLM) methodology for nology, Scientific Research and Essays, 2011, Vol. 6, No 22,		
	Ootolió C	Ctankovski C. Vukalić D. Lazarović M. Lladalič I. Tadić	P. Odri S.: Implementation of automatic identification		

Vukelić Đ., Lazarević M., Hodolič J., Tadić B., Odri S.: Implementation of automatic identification stankovski S., 6 technology in a process of fixture assembly/disassembly, Strojniški vestnik - Journal of Mechanical Engineering, 2011, Vol. 57, No 11, pp. 819-825, ISSN 0039-2480

7.	Lazarević M., Ostojić G., Stankovski S., Ćosić I.: Postupak upravljanja proizvodom u celokupnom životnom veku korišćenjem RFID taga, Broj priznatog patenta: 51796, datum priznavanja 24.10.2011. godine., 2011
8.	Vukelić Ð., Tadić B., Hodolič J., Budak I., Lazarević M.: Development an expert system for machining fixture design, 10. International Conference on Accomplishments in Electrical and Mechanical Engineering and Information Technology - DEMI, Banja Luka: Faculty of Mechanical Engineering, 26-28 Maj, 2011, pp. 303-308, ISBN 978-99938-39-36-1

	,	,	0	0,	,	, 1 1	,			
9.	Ćosić, I., L 17th Intern Austria, 20	azarević, M., Aniš ational DAAAM S 06.: DAAAM Inte	šić, Z., Lalić, B.: Symposium " Inte rnational, 8-11 r	Data Gat elligent M lovember	thering Us lanufactur , 2006, st	sing Rfid T ring & Auto r. 85- 86, I	echnology mation: Fo SBN 3-901	From Disassembly a cus on Mechatronics 509-57-7.	and Recycling Sy and Robotics", `	stems, Vienna,

Ostojić G., Stankovski S., Vukelić D., Lazarević M., Križan P.: Maintenance with the usage of RFID technology, Journal ERIN, 10. 2010, Vol. 3, No 2, pp. 2-7, ISSN 1337-9089

Summary data for teacher's scientific or art and professional activity:					
Quotation total :	11				
Total of SCI(SSCI) list papers :	6				

SITAS STUD		WYKHX N.				
NA CONTRACTOR	FACULTY OF TECHNICAL SCIENCES 21000 NOVI SAD, TRG DOSITEJA OBRADOVIĆA 6					
20000	Study Programme Accreditation				Con	
PLANTER	UNDERGRADUATE ACADEMIC	STUDIES	Graphic	Engineering and Design	e Hor	
Current projects :		Domestic :	4	International :	3	



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



Study Programme Accreditation

UNDERGRADUATE ACADEMIC STUDIES

Graphic Engineering and Design

Name and last name:			Ličen S. Branislava						
Acad	Academic title:				Lecturer				
Nam	e of the inst	itution v	vhere the te	acher works full time and	Faculty of Technical Sciences - Novi Sad				
starting date:					07.04.2005				
Scier	Scientific or art field:					English			
Acad	lemic cariee	er	Year	Institution			Field		
Acad	lemic title el	ection:	2012	Faculty of Technical Sci	ences - Novi Sa	ad	English		
Bach	elor's thesis	S	2009	Faculty of Philosophy - N	Novi Sad		Philology		
List o	of courses b	eing he	ld by the tea	acher in the accredited stu	idy programme	S			
	ID	Course	e name			Study programme name, study type			
1.	AEJ1L	Englis	h Language	e - Elementary		(A00) Arch	nitecture, Undergraduate Academic Studies		
2.	AEJ2L	Englis	h Language	e intermediate		(A00) Arch	nitecture, Undergraduate Academic Studies		
3.	AEJ2Z	Englis	h intermedia	ate		(A00) Arch	nitecture, Undergraduate Academic Studies		
4.	AEJ3Z	Englis	h Language	e - upper intermediate		(A00) Arch	nitecture, Undergraduate Academic Studies		
						(E20) Con Academic	nputing and Control Engineering, Undergraduate Studies		
						(F10) Engineering Animation, Undergraduate Academic Studies			
5.	E21I0	Izborni strani jezik 1				(GI0) Geodesy and Geomatics, Undergraduate Academ Studies			
						(SE0) Software Engineering and Information Technologie Undergraduate Academic Studies			
						(SEL) Software Engineering and Information Technologies Loznica, Undergraduate Academic Studies			
						(G00) Civil Engineering, Undergraduate Academic Studies			
		English Language – Elementary				(M20) Mechanization and Construction Engineering, Undergraduate Academic Studies			
	EJ01L				 (M30) Energy and Process Engineering, Undergademic Studies (M40) Technical Mechanics and Technical Designation Undergraduate Academic Studies 		ergy and Process Engineering, Undergraduate Studies		
6.							chnical Mechanics and Technical Design, uate Academic Studies		
						(P00) Production Engineering, Undergraduate Academic Studies			
					(S00) Traffic and Transport Engineering, Undergra Academic Studies				
					(S01) Postal Traffic and Telecommunications, Undergraduate Academic Studies				
					(E10) Power, Electronic and Telecommunication Engineering, Undergraduate Academic Studies				
						(F00) Graphic Engineering and Design, Undergr Academic Studies			
						(MR0) Me Undergrad	asurement and Control Engineering, uate Academic Studies		
7.	EJ01Z	Englis	h Language	e - Elementary		(Z01) Safe	ety at Work, Undergraduate Academic Studies		
						(ZC0) Clea Academic	an Energy Technologies, Undergraduate Studies		
						(ZP0) Disa Undergrad	aster Risk Management and Fire Safety, uate Academic Studies		
						(Z20) Envi Studies	ronmental Engineering, Undergraduate Academic		

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SITAS STUDIO

UNIVERSITY OF NOVI SAD

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



Study Programme Accreditation

·Ot	LANTEN	UNDERGRADUATE ACADEMIC STUDIES	Graphic Engineering and Design		
_ist c	of courses b	eing held by the teacher in the accredited study programm	les		
	ID	Course name	Study programme name, study type		
			(E10) Power, Electronic and Telecommunication Engineering, Undergraduate Academic Studies (F00) Graphic Engineering and Design, Undergraduate Academic Studies		
			(M20) Mechanization and Construction Engineering, Undergraduate Academic Studies		
8.	EJ02L	English Language – Pre-Intermediate	(MR0) Measurement and Control Engineering, Undergraduate Academic Studies		
			(Z01) Safety at Work, Undergraduate Academic Studies		
			(ZC0) Clean Energy Technologies, Undergraduate Academic Studies		
			(ZP0) Disaster Risk Management and Fire Safety, Undergraduate Academic Studies		
			(Z20) Environmental Engineering, Undergraduate Academic Studies		
	EJ02Z		(110) Industrial Engineering, Undergraduate Academic Studies		
٥		English Language – Pre-Intermediate	(I20) Engineering Management, Undergraduate Academic Studies		
5.			(S00) Traffic and Transport Engineering, Undergraduate Academic Studies		
			(S01) Postal Traffic and Telecommunications, Undergraduate Academic Studies		
		English Language - Intermediate	(F00) Graphic Engineering and Design, Undergraduate Academic Studies		
			(MR0) Measurement and Control Engineering, Undergraduate Academic Studies		
10.	EJ03Z		(Z01) Safety at Work, Undergraduate Academic Studies		
			(E10) Power, Electronic and Telecommunication Engineering, Undergraduate Academic Studies		
			(Z20) Environmental Engineering, Undergraduate Academi Studies		
			(F00) Graphic Engineering and Design, Undergraduate Academic Studies		
	- 10 /1		(Z01) Safety at Work, Undergraduate Academic Studies		
11.	EJ04L	English Language – Upper Intermediate	(E10) Power, Electronic and Telecommunication Engineering, Undergraduate Academic Studies		
			(Z20) Environmental Engineering, Undergraduate Academ Studies		
			(E20) Computing and Control Engineering, Undergraduate Academic Studies		
			(ES0) Power Software Engineering, Undergraduate Academic Studies		
			(F10) Engineering Animation, Undergraduate Academic Studies		

12.

EJ1Z

English Language - Elementary

(GI0) Geodesy and Geomatics, Undergraduate Academic

(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

SITAS STUD

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Study Programme Accreditation

UNDERGRADUATE ACADEMIC STUDIES List of courses being held by the teacher in the accredited study programmes Graphic Engineering and Design

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

Academic Studies

ANTERS STUDIORUM

UNIVERSITY OF NOVI SAD

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



Study Programme Accreditation

UNDERGRADUATE ACADEMIC STUDIES

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

	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
0.5			(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
		1Z English Language - Elementary	(E20) Computing and Control Engineering, Undergraduate Academic Studies
			(ES0) Power Software Engineering, Undergraduate Academic Studies
			(F10) Engineering Animation, Undergraduate Academic Studies
40.	EJ1Z		(GI0) Geodesy and Geomatics, Undergraduate Academic Studies
			(SE0) Software Engineering and Information Technologies, Undergraduate Academic Studies
			(SEL) Software Engineering and Information Technolog 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

STAS STUDIORUM		UNIVERSITY OF NOVI SAD						
		FACULTY OF TECHNICAL SCIENCES 21000 NOVI SAD, TRG DOSITEJA OBRADOVIĆA 6						
		Study F	Study Programme Accreditation					
.ot	LANTEN	UNDERGRADUATE ACADEMIC	STUDIES	Graphic	Engineering and Design	A HOS		
List o	of courses b	eing held by the teacher in the accred	lited study programme	S				
	ID	Course name		Study programme name, study type				
45.	NIT03	Business English		(NIT) Industrial Technologies, M	Engineering - Advanced Eng laster Academic Studies	jineering		
Rep	oresentative	refferences (minimum 5, not more th	an 10)					
1.	"Formal a Timisoara	and Aesthetic Aspects of Nadine Gord a, br. 7, 2010., str.191-198.	limer's Short Story", R	omanian Journal	of English Studies, Universit	y of the West		
2.	''Summar Beogradu	ization Skills of Engineering Students I, 2011., str. 291-299.	' Reading in a Second	l Language", Jezi	k struke, izazovi i perspektiv	e, Univerzitet u		
3.	"On Race the 9th H	e, Ethnicity and Gender in Nadine Gor USSE Conference, Pecs, 2010., str. 2	dimer's 'Jump and Otl 285-290.	ner Stories", Sele	cted Papers in Literature and	d Culture from		
4.	"Living in British an	the Interregnum: Nadine Gordimer's d American Studies, University of th	'Conservationist', 'Burg e West Timisoara, br.)	ger's Daughter' a KXI, maj 2011., st	nd 'July's People''', B.A.S. C r. 28.	onference on		
5.	"Preispitiv	vanje istorijskog konteksta u Barnsov	om romanu Floberov p	apagaj", Sveske,	, br.100, Pančevo, jun 2011.	., str. 69-77.		
6.	"Kreiranje udžbenika za stručni engleski jezik za studente različitog predznanja", Jezik struke, teorija i praksa, Univerzitet u Beogradu, 2009., str.445-454.							
7.	. "Istorijat nastave stručnog engleskog jezika na FTN-u u Novom Sadu", Jezik struke, teorija i praksa, Univerzitet u Beogradu, 2009., str. 170-176.							
8.	8. Zajednica i pojedinac u delima Toni Morison u romanima Najplavlje oko, Sula, Voljena i Katreno luče, 2009.							
Sur	nmary data	for teacher's scientific or art and profe	essional activity:					
Quotation total : 0								
Tota	of SCI(SSC	CI) list papers :	0					
Current projects : Domestic : 0 International :						0		



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



Study Programme Accreditation

UNDERGRADUATE ACADEMIC STUDIES

Graphic Engineering and Design

Nam	e and last n	ame:			Marčetić P. Darko			
Acad	lemic title:				Associate Professor			
Name of the institution where the teacher works full time and Fac						Faculty of Technical Sciences - Novi Sad		
starting date: 01						01.04.2007		
Scier	ntific or art f	ield:			Power Electro	onics, Machines and Facilities		
Acad	lemic cariee	er	Year	Institution			Field	
Acad	lemic title el	lection:	2012	Faculty of Technical Science	ences - Novi Sa	ad	Power Electronics, Machines and Facilities	
PhD	thesis		2006	School of Electrical Engi	ineering - Beog	rad Power Electronics, Machines and Facilities		
Magi	ster thesis		1998	School of Electrical Engi	ineering - Beog	rad Power Electronics, Machines and Facilities		
Bach	elor's thesis	S	1992	Faculty of Technical Sci	ences - Novi Sa	ad	Electronics	
List c	of courses b	eing hel	ld by the tea	acher in the accredited stu	udy programme	s		
	ID Course name					Study programme name, study type		
						(MR0) Me Undergrad	easurement and Control Engineering, luate Academic Studies	
1.	E133	Power Converters				(ZC0) Clean Energy Technologies, Undergraduate Academic Studies		
						(E10) Pow Engineerin	er, Electronic and Telecommunication ng, Undergraduate Academic Studies	
2.	EE308	Power	Electronics	2		(E10) Pow Engineerin	er, Electronic and Telecommunication g, Undergraduate Academic Studies	
3.	EOS14	Labora	atory from e	lectrical machines		(E01) Power Engineering - Renewble Sources of Electrical Energy, Undergraduate Professional Studies		
4.	EOS25	Solar a	and hybrid e	electric plants		(E01) Power Engineering - Renewble Sources of Electrical Energy, Undergraduate Professional Studies		
5.	F203	Electri	cal Machine	es		(F00) Graphic Engineering and Design, Undergraduate Academic Studies		
6.	HE2465	Mecha	tronics of T	ransport and Constructior	n Machines	(M20)Me Undergrad	chanization and Construction Engineering, luate Academic Studies	
7 654084		Application of microprocessors in power engineering			nineering	(MR0) Measurement and Control Engineering, Undergraduate Academic Studies		
7.	ELHOUR				gineening	(E10) Power, Electronic and Telecommunication Engineering, Undergraduate Academic Studies		
8	EEI310	Industrial systems and protocols				(MR0) Me Undergrad	easurement and Control Engineering, luate Academic Studies	
0.						(E10) Power, Electronic and Telecommunication Engineering, Undergraduate Academic Studies		
9.	DE109S	Selected Chapters in Electromotive Drives				(E11) Power, Electronic and Telecommunication Engineering, Specialised Academic Studies		
10.	DE409S	Modern Methods of Digital Control of Drives Converters			s and	(E11) Power, Electronic and Telecommunication Engineering, Specialised Academic Studies		
11.	EE524	Methods of Regulation of Power Converters Microconrollers			s with	(E10) Power, Electronic and Telecommunication Engineering, Master Academic Studies		
12.	EE534	Special Electric Motor Drives				(E10) Power, Electronic and Telecommunication Engineering, Master Academic Studies		
13.	EE537	Special Electrical Machines				(E10) Power, Electronic and Telecommunication Engineering, Master Academic Studies		
14.	DE109	Selected Chapters in Electromotive Drives				(E10) Power, Electronic and Telecommunication Engineering, Doctoral Academic Studies		
15.	DE409	Modern Methods of Digital Control of Drives and				(E10) Power, Electronic and Telecommunication		
Representative refferences (minimum 5 not more than 10)								
Marčetić D. Adžić E : Improved Three-Phase Current Reconstruction for Induction Motor Drives With DC-Link Shunt IEEE								
1.	^{1.} Transaction on Industrial Electronics, 2010, Vol. 57, No 7, pp. 1-9, ISSN 0278-0046							
2.	 Industrial Electronics, 2007, Vol. 54, No 5, pp. 2618-2625 , ISSN <span class="skype_pnh_</li"> 							



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)								
3.	Marčetić D., Krcmar I., Matic P.: Discrete Rotor Flux Estimator for High Performance Induction Motor Drives with Low Sampling to Fundamental Frequency Ratio, International Review of Electrical Engineering IREE, 2012, Vol. 7, No 2, pp. 3804-3813.							
4.	Porobić V., Adžić E., Marčetić D.: High Speed Shaft Sensorless DFOC Induction Motor Drive with Field Angle Correction, International Review of Electrical Engineering IREE, 2011, Vol. 6, No 4, ISSN 1827-6660							
5.	Tomić J., Kušljević M., Marčetić D.: An Adaptive Resonator Based Method for Power Measurements According to the IEEE Trial- Use Standard 1459-2000, IEEE Transactions on Instrumentation							
6.	Vasić V., Marčetić D., Jeftenić B., Vladan J.: Speed-Sensorless Control of Induction Motor Based on Reactive Power with Rotor Time Constant Identification, IET ELECTR POWER APP, 2010, Vol. 4, No 6, ISSN 1751-8660							
7.	Vasić V., Marčetić D., Oros Đ.: Prediction of Local Instabilities in Open-loop Induction Motor Drives, COMPEL - The international journal for computation and mathematics in electrical engineering, 2010, Vol. 29, No 3, ISSN 0332-1649							
8.	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.							
9.	Oros Đ., Vasić V., Marčetić D.: NFO sensorless induction motor drive with on-line stator resistance parameter update, Electric Power Components							
10.	Kušljević M., Tomić J., Marčetić D.: Active power measurement algorithm for power system signals under non-sinusoidal conditions and wide-range frequency deviations, IET Generation, Transmission							
Summary data for teacher's scientific or art and professional activity:								
Quot	ation total :	0						
Tota	of SCI(SSCI) list papers :	10						
Curr	ent projects :	Domestic :	1	International :	0			



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



Study Programme Accreditation

UNDERGRADUATE ACADEMIC STUDIES

Graphic Engineering and Design

Nam	e and last n	ame:			Marković Milan			
Academic title:					Guest Professor			
Name of the institution where the teacher works full time and starting date:					-			
Scier	ntific or art f	ield:			Computer Science			
Acad	lemic cariee	er	Year	Institution			Field	
Acad	lemic title el	lection:						
List c	of courses b	eing he	ld by the tea	acher in the accredited stu	idy programme	S		
	ID	Course	e name			Study programme name, study type		
		Internet Networks				(E20) Computing and Control Engineering, Undergraduate Academic Studies		
						(GI0) Geodesy and Geomatics, Undergraduate Academic Studies		
1.	E233					(SE0) Soft Undergrad	tware Engineering and Information Technologies, uate Academic Studies	
						(SEL) Soff Loznica, U	tware Engineering and Information Technologies - ndergraduate Academic Studies	
						(E10) Pow Engineerin	er, Electronic and Telecommunication g, Undergraduate Academic Studies	
2.	F501	WEB Design				(F00) Graj Academic	phic Engineering and Design, Undergraduate Studies	
Z. FOUT WEB Design						(F10) Eng Studies	ineering Animation, Undergraduate Academic	
3.	ISIT28	Inform	aciona bezl	pednost		(SII) Software and Information Technologies (Inđija), Undergraduate Professional Studies		
4.	BMI95	Introdu	uction to Co	mputer Science		(BM0) Biomedical Engineering, Undergraduate Academic Studies		
		Introduction to Programming				(F00) Graphic Engineering and Design, Undergraduate Academic Studies		
	SE0001					(MR0) Measurement and Control Engineering, Undergraduate Academic Studies		
5.						(P00)Proo Studies	duction Engineering, Undergraduate Academic	
						(SE0) Software Engineering and Information Technologies, Undergraduate Academic Studies		
						(SEL) Software Engineering and Information Technologies - Loznica, Undergraduate Academic Studies		
6	SE0011	Introduction to Software Engineering				(SE0) Soff Undergrad	tware Engineering and Information Technologies, uate Academic Studies	
0.	020011					(SEL) Soff Loznica, U	tware Engineering and Information Technologies - ndergraduate Academic Studies	
		Software Development Metrodologies			(P00) F Studies (SE0) S Undergr	(P00) Prod Studies	duction Engineering, Undergraduate Academic	
7.	SE0017					(SE0) Software Engineering and Information Technologies, Undergraduate Academic Studies		
						(SEL) Software Engineering and Information Technologies - Loznica, Undergraduate Academic Studies		
8	SE0024	Software Construction and Testing				(SE0) Soff Undergrad	tware Engineering and Information Technologies, uate Academic Studies	
<u> </u>	0_0021					(SEL) Soff Loznica, U	tware Engineering and Information Technologies - ndergraduate Academic Studies	
					(P00) Production Engineering, Undergraduate A Studies			
9.	SE239A	Web programming				(SE0) Software Engineering and Information Technologies, Undergraduate Academic Studies		
						(SEL) Software Engineering and Information Technologies - Loznica, Undergraduate Academic Studies		

ast	AS STUD	UNIVERSITY OF NOVI SAD							
AND THO ALANTEN		FACULTY OF TECHNICAL SCI	SAD, TRG DOSITEJA OBRADOVIĆA 6						
		Study P	Programme A	Accreditation Graphic Engineering and Design					
List o	of courses b	eing held by the teacher in the accred	g held by the teacher in the accredited study programmes						
	ID	Course name		Study programme name, study type					
	E2522			(E20) Computing and Control Engineering, Master Academic Studies					
10.		Software Standardization and Qualit		(MR0) Measurement and Control Engineering, Master Academic Studies					
			у	(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	Information Security		(SE0) Software Engineering and Information Technologies, Master Academic Studies					
Representative refferences (minimum 5, not more than 10)									
Sur	nmary data								
Quot	ation 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

Graphic Engineering and Design

Nam	e and last n	ame:			Milanović N. Nikola			
Academic title:					Assistant Professor			
Name of the institution where the teacher works full time and					-			
starting date:					A 11 1 0			
Scientific or art field:					Applied Com	outer Science		
Acad	lemic caries	er	Year					
Acad		lection:	2010	Faculty of Technical Sci	ences - Novi Sa	ad	Applied Computer Science and Informatics	
PhD	thesis		2003			Applied Computer Science and Informat		
Bach	elor's thesi	S	1995				Applied Computer Science and Informatics	
Magi	ster thesis		-		Applied Computer Science and Informatic			
List o	of courses b	eing he	ld by the tea	acher in the accredited stu	idy programme	s		
	ID	Course	e name			Study programme name, study type		
1.	F209	Multim	edia			(F00) Gra Academic	phic Engineering and Design, Undergraduate Studies	
2.	ISIT21	Interne	et mreže			(SII) Softw Undergrad	vare and Information Technologies (Inđija), uate Professional Studies	
3.	ISIT2D	Web d	esign			(SII) Softw Undergrad	vare and Information Technologies (Inđija), luate Professional Studies	
						(SE0) Software Engineering and Information Technologies, Undergraduate Academic Studies		
4.	SE0008	Algorithms and Data structures				(SEL) Software Engineering and Information Technologies - Loznica, Undergraduate Academic Studies		
						(E10) Power, Electronic and Telecommunication Engineering, Undergraduate Academic Studies		
						(SE0) Software Engineering and Information Technologies, Undergraduate Academic Studies		
5.	SE0016	SEUUTO Databases				(SEL) Software Engineering and Information Technologies Loznica, Undergraduate Academic Studies		
6. SES102 NoSQL D						(SE0) Software Engineering and Information Technologies, Undergraduate Academic Studies		
		L Data Base	es		(SEL) Software Engineering and Information Techn Loznica, Undergraduate Academic Studies			
						(SE0) Sof Undergrad	tware Engineering and Information Technologies, luate Academic Studies	
7.	SES201	Advanced Web Technologies				(SEL) Sof Loznica, U	tware Engineering and Information Technologies - Indergraduate Academic Studies	
0	SESSOS	High Technology Management				(SE0) Sof Undergrad	tware Engineering and Information Technologies, uate Academic Studies	
0.	3E3302					(SEL) Sof Loznica, U	tware Engineering and Information Technologies - Indergraduate Academic Studies	
	E2506	Advanced Internet Infrastructure				(E20) Computing and Control Engineering, Master Academic Studies		
9.					(SE0) Soft Master Aca		E0) Software Engineering and Information Technologies, ster Academic Studies	
						(E10) Power, Electronic and Telecommunication Engineering, Master Academic Studies		
					(E20) Con Academic	E20) Computing and Control Engineering, Master Academic Studies		
10.	E2513	Semar	nantic Web			(PM0) Production Engineering, Master Academic Studies		
						(SE0) Software Engineering and Information Technologies, Master Academic Studies		


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



Study Programme Accreditation

UNDERGRADUATE ACADEMIC STUDIES

Graphic Engineering and Design

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

	ID	Course name		Study programme name, study type			
				(E20) Computing and Control Engineering, Maste Academic Studies			
				(MR0) Measurement and Control Engine Academic Studies			
11.	E2519	Domain-Specific Languages		(PM0) Productic	on Engineering, Master Acad	emic Studies	
				(SE0) Software Master Academi	Engineering and Informatior c Studies	Technologies,	
			(E10) Power, Electronic and Telecommunication Engineering, Master Academic Studies				
10		Convine Oriented Architectures		(E20) Computing and Control Engineering, Master Academic Studies			
12.	E2520	Service Oriented Architectures	(SE0) Software Engineering and Information Technologies, Master Academic Studies				
Rep	oresentative	e refferences (minimum 5, not more th	an 10)				
1.	N. Milanc	ovic, M. Malek. Current Solutions for V	Veb Service Compositi	ion. IEEE Internet	Computing, 8(6):51-59, 200	4. (SCI 11/86)	
2.	N. Milanc 65, 2004	vic, M. Malek, A. Davidson, V. Milutin (SCI 16/86)	ovic. Routing and Sec	urity in Mobile Ad	Hoc Networks. IEEE Comp	uter, 37(2):61-	
3.	N. Milanc Research	ovic, M. Malek. Search Strategies for A n, 3(2):1-32, 2006. (SCI 37/86)	Automatic Web Service	e Composition. Int	ernational Journal of Web S	ervices	
4.	N. Milanc 4(1):56-6	ovic, B. Milic. Automatic Generation of 9 , 2011	Service Availability M	odels. IEEE Trans	sactions of Service Computir	ng, 2010.	
5.	 P. Ibach, N. Milanovic, J. Richling, V. Stantchev, A. Wiesner, Malek M. CERO: CE Robots Community. IEE Proceedings Software, Special Issue on Embedded Systems, 152(5):210-214, 2005. (SCI 71/86) 						
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

Graphic Engineering and Design

Name and last name:			Milojević D. Zoran				
Academic title:			Assistant Professor				
Name of the institution where the teacher works full time and			Faculty of Technical Sciences - Novi Sad				
starting date:			27.10.1997				
Scier	ntific or art f	ield:			Machine Elen	nents,Const	ruction Principles, Machine and Mechanizm
Acad	emic cariee	er	Year	Institution			Field
Acad	emic title el	ection:	2008	University of Novi Sad -	Novi Sad		Machine Elements,Construction Principles, Machine and Mechanizm Theory, Power and Motion Transfer and Eng.Communication
PhD	thesis		2008	University of Novi Sad -	Novi Sad		Machine Elements,Construction Principles, Machine and Mechanizm Theory, Power and Motion Transfer and Eng.Communication
Magi	ster thesis		2002	Faculty of Technical Scie	ences - Novi Sa	ad	Machine Tools, Flexible Technological Systems and Automatization Processes Design
Bach	elor's thesis	S	1995	Faculty of Technical Scie	ences - Novi Sa	ad	Automatic Control and System Engineering
List o	of courses b	eing he	ld by the tea	acher in the accredited stu	idy programme	s	
	ID	Course	e name			Study pro	gramme name, study type
1.	EOS03	Funda eleme	mentals in I nts and Mat	Mechanical Engineering(M erials)	lachine	(E01) Pow Energy, Ur	ver Engineering - Renewble Sources of Electrical Indergraduate Professional Studies
2.	F202	Funda	mentals in I	Mechanical Engineering		(F00) Graj Academic	phic Engineering and Design, Undergraduate Studies
						(M20) Mea Undergrad	chanization and Construction Engineering, uate Academic Studies
3	M108	Engine	ering Gran	hic Communications		(M30) Ene Academic	ergy and Process Engineering, Undergraduate Studies
0.	MITCO	Linging				(M40) Technical Mechanics and Technical Design, Undergraduate Academic Studies	
						(P00)Proo Studies	duction Engineering, Undergraduate Academic
4.	M2610	Graph	ic Commun	ications and CAD		(H00) Mec	chatronics, Undergraduate Academic Studies
5.	S012	Descri	ptive Geom	etry and Engineering Drav	wing	(S00) Traf Academic	fic and Transport Engineering, Undergraduate Studies
						(S01) Pos Undergrad	tal Traffic and Telecommunications, uate Academic Studies
6.	IA013	Interac	ctive Engine	ering Graphics		(F10) Eng Studies	ineering Animation, Undergraduate Academic
7.	ZC007	Engine	eering Grap	hic Communications		(ZC0) Clea	an Energy Technologies, Undergraduate Studies
8.	M2511	Metho	dology of D	esign		(M22)Meo	chanization and Construction Engineering, Master Studies
9.	AID04	Haptic	devices us	age in the virtual environn	nent	(F20) Eng	ineering Animation, Doctoral Academic Studies
Rep	presentative	reffere	nces (minim	num 5, not more than 10)			
1.	Gligorić, I Novom S	R., Miloj adu, 20	ević, Z.:" TI 04. god. (35	EHNIČKO CRTANJE ", Ec 56 strana)	dicija univerzite	tski udžben	ik, br 166, ISBN 86-499-0131-5., Univerzitet u
2.	Milojević, Academio ISSN: 15	Z., Nav c Journa 83-7904	valušić, S., z al of Manufa I.	Zeljković, M.: " NC VERIF acturing Engineering, Vol.	ICATION AS A 5, No 2-2007.,	COMPONE Editura Poli	ENT OF VIRTUAL MANUFACTURING", tehnica, Timisoara, Romania, pp: 48-54, 2007.
3.	Milojević, MACHIN	Z., Nav	alušić, S., Z OGRAM", J	Zeljković, M.: " DEVELOPI ournal Manufacturing Eng	MENT OF THE jineering Manu	MODULE F	FOR REAL'TIME VERIFICATION OF NC curacy Increasing problems, Wroclaw, 2007.
4.	Obradovi Series Ar	ć, R., M chitectu	ilojević, Z: re and Civil	PLANE SECTION OF CO Engineering, Vol. 3, No.2	NE AND CYLI 2, Niš 2005., pp	NDER IN CO . 195-207	OMPUTER GEOMETRY, Facta Universitatis,
5.	Milojević, ELEMEN Engineer	Z., Zelj TS ACC ing, Vol.	ković, M., N CURACY IN .2 No. 1-2 ,	lavalušić, S., Milisavljević, THE FEM STRUCTURAI Open and Global Manufa	B., Gatalo, R.: ANALYSIS O cturing Design,	F THE MAII Wroclaw, 2	S OF THE ISOPARAMETRIC HEXAHEDRAL N SPINDLE ASSEMBLY", Journal of Machine 2002. god., pp. 193-203
6.	Marjanov trains wit	ić N., Is h spur g	ailović B., M ears, Mech	larjanović V., Milojević Z., anism and Machine Theo	Blagojević M., ry, 2012, Vol. 5	Bojić M.: A 3, pp. 1-16,	practical approach to the optimization of gear ISSN 0094-114X
7.	Milojević generatio	Z., Nava n, Healt	alušić S., M thMED, 201	ilankov M., Obradović R., 1, Vol. 5, No 5, pp. 1211-	Desnica E., Ha 1217, ISSN 18	arhaji V.: Mo 40-2991	ethodology for 3D femur approximate model

Study Programme Accreditation



The second

UNDERGRADUATE ACADEMIC STUDIES

SITAS STUD

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	nmary data for teacher's scientific or art and profe	essional activity:						
Quotation total :		0						
Total	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

Graphic Engineering and Design

Name and last name:			Milosavljević R. Gordana						
Academic title:			Assistant Professor						
Name of the institution where the teacher works full time and			Faculty of Technical Sciences - Novi Sad						
			01.12.1995	01.12.1995					
Scier	ntific or art f	ield:			Applied Comp	outer Scienc	ce and Informatics		
Acad	lemic caries	er	Year						
Acad	lemic title el	ection:	2010	Faculty of Technical Sci	ences - Novi Sa	ad	Applied Computer Science and Informatics		
PhD	thesis		2010	E # (F + · + o ·	N : 0		Computer Science		
Magi	ster thesis		2001	Faculty of Technical Sci	ences - Novi Sa	ad	Computer Science		
Bach		5	1995	Faculty of Technical Sci	ences - Novi Sa	ad			
LIST	of courses b	eing nei	d by the tea	acher in the accredited stu	idy programme	S			
	ID	Course	e name			Study pro	gramme name, study type		
						(E20) Con Academic	nputing and Control Engineering, Undergraduate Studies		
1.	E242	Softwa	re Specifica	ation and Modeling		(SE0) Sof Undergrad	tware Engineering and Information Technologies, uate Academic Studies		
						(SEL) Sof Loznica, U	tware Engineering and Information Technologies - ndergraduate Academic Studies		
2.	F209	Multim	edia			(F00) Gra Academic	phic Engineering and Design, Undergraduate Studies		
						(E20) Con Academic	nputing and Control Engineering, Undergraduate Studies		
3.	RI53	Busine	ess Informat	tion Systems		(SE0) Sof Undergrad	tware Engineering and Information Technologies, uate Academic Studies		
						(SEL) Software Engineering and Information Technologies - Loznica, Undergraduate Academic Studies			
4.	ISIT08	Object oriented programming fundamentals				(SII) Softw Undergrad	 II) Software and Information Technologies (Inđija), dergraduate Professional Studies 		
5.	ISIT12	Osnove informacionih sistema				(SII) Softw Undergrad	SII) Software and Information Technologies (Indija), ndergraduate Professional Studies		
6.	ISIT22	Osnove baza podataka				(SII) Softw Undergrad	SII) Software and Information Technologies (Inđija), ndergraduate Professional Studies		
7.	ISIT26	Upravl	janje projek	tima		(SII) Softw Undergrad	vare and Information Technologies (Inđija), uate Professional Studies		
8.	ISIT27	Osnov	e softverski	h arhitektura		(SII) Softw Undergrad	vare and Information Technologies (Inđija), uate Professional Studies		
9.	ISIT35	Poslov	na informat	iika		(SII) Softw Undergrad	vare and Information Technologies (Inđija), uate Professional Studies		
10.	ISIT37	Konfig	urisanje i ad	dministracija baza podatal	ka	(SII) Softw Undergrad	vare and Information Technologies (Inđija), uate Professional Studies		
11	SE0016	Databa	2000			(SE0) Sof Undergrad	tware Engineering and Information Technologies, uate Academic Studies		
11.	320010	Databa	1969			(SEL) Sof Loznica, U	tware Engineering and Information Technologies - ndergraduate Academic Studies		
						(P00) Pro Studies	duction Engineering, Undergraduate Academic		
12.	SE0017	Softwa	ire Develop	ment Metrodologies		(SE0) Sof Undergrad	tware Engineering and Information Technologies, uate Academic Studies		
					(SEL) Sof Loznica, U	tware Engineering and Information Technologies - ndergraduate Academic Studies			
12	SESSOS	Model	Driven Soft			(SE0) Sof Undergrad	tware Engineering and Information Technologies, uate Academic Studies		
13.	353202	wouel				(SEL) Sof Loznica, U	tware Engineering and Information Technologies - ndergraduate Academic Studies		
14	SES204	Advan	cod Program			(SE0) Sof Undergrad	tware Engineering and Information Technologies, uate Academic Studies		
14.	3L3204	Auvall				(SEL) Sof Loznica, U	tware Engineering and Information Technologies - ndergraduate Academic Studies		



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



Study Programme Accreditation

UNDERGRADUATE ACADEMIC STUDIES

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LISU	List of courses being field by the teacher in the accredited study programmes							
	ID	Course name		Study programme name, study type				
15	E2508	Agile Software Development Method	lology	(E20) Computing and Control Engineering, Master Academic Studies				
10.	L2000	Agile Contware Development Method	lology	(SE0) Software Master Academi	Engineering and Informatior c Studies	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	oftware Development	(E20) Computin Academic Studie	g and Control Engineering, I es	Doctoral		
		Methods		(F20) Engineerii	ng Animation, Doctoral Acad	emic Studies		
Rep	oresentative	e refferences (minimum 5, not more th	an 10)					
1.	B. Milosa Intermed	avljević, M. Vidaković, S. Komazec, G ate Form Representations. Principles	. Milosavljević.: User li and Practice of Progra	nterface Code Ge amming in Java, I	neration for EJB-Based Data Kilkenny, Ireland, 2003	a Models Using		
2.	B. Milosa EJB-Base	avljević, M. Vidaković, S. Komazec, G ed Data Models, Software Engineering	. Milosavljević: User Ir g Research and Practi	iterface Code Gei ce (SERP"03), La	neration for Data-Intensive A Is Vegas, USA, 2003	pplications with		
3.	G. Milos on Rapid	avljević, B. Perišić: Really Rapid Proto System Prototyping, San Diego, USA	otyping of Large-Scale	Business Informa	ation Systems, IEEE Internal	ional Workshop		
4.	Milosavlje Research	ević G., Ivanović D., Milosavljević B., S n Management System, The Electronic	Surla D.: Automated C c Library, 2011, Vol. 29	Construction of the 9, No 5, pp. 565-5	e User Interface for a CERIF 888, ISSN 0264-0473	-Compliant		
5.	Perišić B Compute	., Milosavljević G., Dejanović I., Milosa r Science and Information Systems (C	avljević B.: UML Profil ComSIS), 2011, Vol. 8,	e for Specifying L No 2, pp. 405-42	Iser Interfaces of Business A 6, ISSN 1820-0214	pplications,		
6.	Ivanović MARC 2 ⁻	D., Milosavljević G., Milosavljević B., S I Format, Program: Electronic Library	Surla D.: A CERIF-Co and Information Syste	mpatible Researc ms, 2010, Vol. 44	h Management System Bas , No 3, pp. 229-251, ISSN 0	ed on the 033-0337		
7.	Dejanovi Database	ć I., Milosavljević G., Tumbas Živanov Applications, Computer Science and	M., Perišić B.: A Don Information Systems	nain-Specific Lanç (ComSIS), 2010,	guage for Defining Static Str Vol. 7, No 3, pp. 409-440, IS	ucture of SN 1820-0214		
8.	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, Birmingham, England							
9.	Milosavljević G., Dejanović I., Perišić B.: Ready for the industry: A practical approach to teaching mde. In 7th Educators 9. Symposium@MODELS 2011: Software Modeling in Education, pages 31-40, Wellington, New Zealand, www.se.uni- oldenburg.de/documents/olnse-2-2011-EduSymp.pdf							
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	ent projects	:	Domestic :	0	International :	0		



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



Study Programme Accreditation

UNDERGRADUATE ACADEMIC STUDIES

Graphic Engineering and Design

Name and last name:			Milosavljević P. Branko				
Academic title:			Associate Professor				
Name of the institution where the teacher works full time and			Faculty of Technical Sciences - Novi Sad				
			01.10.1998				
Scier	ntific or art f	ield:			Applied Comp	outer Scienc	ce and Informatics
Acad	lemic caries	er	Year	Institution			Field
Acad	lemic 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		1999	Faculty of Technical Sci	ences - Novi Sa	ad	Applied Computer Science and Informatics
Bach		S	1997	Faculty of Technical Sci	ences - Novi Sa	ad	Applied Computer Science and Informatics
LIST	or courses b	eing ne	id by the tea	acher in the accredited stu	idy programme	es 	
	ID	Course	e name			Study pro	gramme name, study type
						(E20) Con Academic	nputing and Control Engineering, Undergraduate Studies
1	E2E40	XMI a	nd WEB Se	nvices		(MR0) Me Undergrad	asurement and Control Engineering, uate Academic Studies
	LLIU					(SE0) Sof Undergrad	tware Engineering and Information Technologies, uate Academic Studies
						(SEL) Sof Loznica, U	tware Engineering and Information Technologies - ndergraduate Academic Studies
						(E20) Con Academic	nputing and Control Engineering, Undergraduate Studies
2	E0E44					(MR0) Me Undergrad	asurement and Control Engineering, uate Academic Studies
۷.	E2E41	E-Business Systems Security				(SE0) Sof Undergrad	tware Engineering and Information Technologies, uate Academic Studies
						(SEL) Sof Loznica, U	tware Engineering and Information Technologies - ndergraduate Academic Studies
3.	F209	Multimedia				(F00) Gra Academic	phic Engineering and Design, Undergraduate Studies
4.	F214I2	Raster	Graphics			(F00) Gra Academic	phic Engineering and Design, Undergraduate Studies
5.	GI100	Comp	uter Practic	um		(GI0) Geo Studies	desy and Geomatics, Undergraduate Academic
6.	RI41	Interne	et Software	Architectures		(E20) Con Academic	nputing and Control Engineering, Undergraduate Studies
7	SEI41	Interne	alara de Caffurara Arabita atura			(SE0) Sof Undergrad	tware Engineering and Information Technologies, uate Academic Studies
<i>,</i> .	OEITT	interne	Continuite			(SEL) Sof Loznica, U	tware Engineering and Information Technologies - ndergraduate Academic Studies
8.	ISIT03	Introdu	uction to Pro	ogramming		(SII) Softw Undergrad	vare and Information Technologies (Inđija), uate Professional Studies
9.	ISIT08	Object	oriented pr	ogramming fundamentals		(SII) Softw Undergrad	vare and Information Technologies (Inđija), uate Professional Studies
10.	ISIT22	Osnov	e baza pod	ataka		(SII) Softw Undergrad	vare and Information Technologies (Inđija), uate Professional Studies
11.	ISIT28	Inform	aciona bezł	pednost		(SII) Softw Undergrad	vare and Information Technologies (Inđija), uate Professional Studies
12.	ISIT29	XML T	echnologie	S		(SII) Softw Undergrad	vare and Information Technologies (Inđija), uate Professional Studies
13.	BMI95	Introduction to Computer Science		mputer Science		(BM0) Bio Studies	medical Engineering, Undergraduate Academic
14	FIMDS	Weh-h	ased Meas	urement and Data Acquis	ition Systems	(MR0) Me Undergrad	asurement and Control Engineering, uate Academic Studies
		web-based measurement and Data ACQUISI			aon cystems	(E10) Pow Engineerin	er, Electronic and Telecommunication g, Undergraduate Academic Studies

ASTAS STUDIORUM

UNIVERSITY OF NOVI SAD

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



Study Programme Accreditation

 UNDERGRADUATE ACADEMIC STUDIES

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

	ID	Course name	Study programme name, study type	
			(F00) Graphic Engineering and Design, Undergraduate Academic Studies (MR0) Measurement and Control Engineering	
			Undergraduate Academic Studies	
15.	SE0001	Introduction to Programming	(P00) Production Engineering, 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, Master Academic Studies	
16.	E2506	Advanced Internet Infrastructure	(SE0) Software Engineering and Information Technologies, Master Academic Studies	
			(E10) Power, Electronic and Telecommunication Engineering, Master Academic Studies	
17.	F402	Electronic Publishing	(F00) Graphic Engineering and Design, Master Academic Studies	
			(E20) Computing and Control Engineering, Master Academic Studies	
19	E2521	Pueinoss Drocoss Managomont	(MR0) Measurement and Control Engineering, Master Academic Studies	
10.	E2921		(SE0) Software Engineering and Information Technologies, Master Academic Studies	
			(E10) Power, Electronic and Telecommunication Engineering, Master Academic Studies	
10	E2526	Service Oriented Architectures	(E20) Computing and Control Engineering, Master Academic Studies	
19.	L2320		(SE0) Software Engineering and Information Technologies, Master Academic Studies	
20.	DE417	Web-based Measurement Systems	(E10) Power, Electronic and Telecommunication Engineering, Doctoral Academic Studies	
21.	DRNI02	Selected Topics in Advanced Software Architecture	(E20) Computing and Control Engineering, Doctoral Academic Studies	
22.	DRNI03	Selected Topics in Internet-Based Systems	(E20) Computing and Control Engineering, Doctoral Academic Studies	
23.	DRNI06	Selected Topics in Digital Archives	(E20) Computing and Control Engineering, Doctoral Academic Studies	
24.	FDS151	Selected Chapters in Multimedia	(F00) Graphic Engineering and Design, Doctoral Academic Studies	
25.	FDS152	Selected Topics in Computer Graphics	(F00) Graphic Engineering and Design, Doctoral Academic Studies	
26.	FDS224	Selected Chapters in Programming	(F00) Graphic Engineering and Design, Doctoral Academic Studies	
27.	DRNI19	Selected Topics in Information Security	(E20) Computing and Control Engineering, Doctoral Academic Studies	
Rep	oresentative	e refferences (minimum 5, not more than 10)		
1.	Branko M Software	lilosavljević. Models for Extensible Multimedia Document Ro Engineering, Miami, FL, 2004.	etrieval. In IEEE 6th International Symposium on Multimedia	
2.	Branko M Intensive 2003.	lilosavljević, Milan Vidaković, Srđan Komazec, and Gordana Applications with EJB-Based Data Models. In Software Eng	a Milosavljević. User Interface Code Generation for Data- gineering Research and Practice (SERP"03), Las Vegas, NV	
3.	Branko M Multimed	lilosavljević and Zora Konjović. Design of an XML-Based Ex ia Software Engineering (MSE2002), Newport Beach, CA, 2	xtensible Multimedia Information Retrieval System. In IEEE 2002. pp. 114-121.	
4.	G. Sladić and Cryp	, B. Milosavljević, Z. Konjović. Extensible Access Control M tography ICETE-SECRYPT"07, Barcelona, Spain, 2007.	odel for XML Document Collections, Intl. Conf. on Security	
5.	Branko M James Po 98. Trinit	lilosavljević, Milan Vidaković, and Zora Konjović. Automatic ower and John Waldron, editors, Recent Advances in Java y College Dublin, 2003.	code generation for database-oriented web applications. In Technology: Theory, Application, Implementation, pages 89-	

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ANN ANN	NULL DIOR	FACULTY OF TECHNICAL SCIENCES 21000 NOVI SAD, TRG DOSITEJA OBRADOVIĆA 6							
2 2000 5		Study F	Study Programme Accreditation						
.01	LANTER	UNDERGRADUATE ACADEMIC	ADUATE ACADEMIC STUDIES Graphic Engineering and Design						
Rep	presentative r	efferences (minimum 5, not more th	an 10)						
6.	6. Danijela Tešendić, Branko Milosavljević, and Dušan Surla. A library circulation system for city and special libraries. The Electronic Library, 27(1):162-186, 2009. ISSN: 0264-0473, DOI: 10.1108/02640470910934669.								
7.	Jelena Rad Program: e	jenović, Branko Milosavljević, and I lectronic library and information sys	Dušan Surla. Modellin tems, 43(1):62-76, 20	g and implementa 09. ISSN: 0033-0	tion of catalogue cards usin 337, DOI: 10.1108/0033033	g FreeMarker. 0910934110.			
8.	Milan Vidaković, Branko Milosavljević, Zora Konjović, and Goran Sladić. Extensible Java EE-based agent framework and its application on distributed library catalogues. Computer Science and Information Systems (ComSIS), 6(2):1-28, 2009. ISSN: 1820-0214. DOI: 10.2298/csis0902001V.								
9.	9. 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.								
10.	0. Bojana Dimić, Branko Milosavljević, and Dušan Surla. XML schema for UNIMARC and MARC 21. The Electronic Library, 28(2):245-262, 2010. ISSN: 0264-0473, DOI: 10.1108/02640471011033611.								
Sur	mmary data fo	or teacher's scientific or art and profe	essional activity:						
Quotation total :			0						
Tota	l of SCI(SSCI) list papers :	15						
Current projects :			Domestic :	2	International :	1			



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



Study Programme Accreditation

UNDERGRADUATE ACADEMIC STUDIES

Graphic Engineering and Design

Name and last name:			Mirović Đ. Ivana					
Acad	lemic title:				Lecturer			
Name of the institution where the teacher works full time and			Faculty of Technical Sciences - Novi Sad					
starting date:			01.04.1990					
Scie	ntific or art f	ield:			English			
Acad	lemic caries	er	Year	Institution			Field	
Acad	lemic title e	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	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	e intermediate		(A00) Arch	nitecture, Undergraduate Academic Studies	
3.	AEJ2Z	Englis	h intermedia	ate		(A00) Arch	nitecture, Undergraduate Academic Studies	
4.	AEJ3Z	Englis	h Language	e - upper intermediate		(A00) Arch	nitecture, Undergraduate Academic Studies	
						(G00) Civi	I Engineering, Undergraduate Academic Studies	
						(M20) Mee Undergrad	chanization and Construction Engineering, uate Academic Studies	
						(M30) Ene Academic	ergy and Process Engineering, Undergraduate Studies	
5.	EJ01L	English Language – Elementary				(M40) Teo Undergrad	hnical Mechanics and Technical Design, uate Academic Studies	
						(P00) Proo Studies	duction Engineering, Undergraduate Academic	
						(S00) Traffic and Transport Engineering, Undergraduate Academic Studies		
						(S01) Postal Traffic and Telecommunications, Undergraduate Academic Studies		
						(E10) Pow Engineerin	er, Electronic and Telecommunication g, Undergraduate Academic Studies	
		English Language - Elementary				(F00) Gra Academic	phic Engineering and Design, Undergraduate Studies	
						(MR0) Me Undergrad	asurement and Control Engineering, uate Academic Studies	
6.	EJ01Z					(Z01) Safe	ety at Work, Undergraduate Academic Studies	
						(ZC0) Clea Academic	an Energy Technologies, Undergraduate Studies	
					(ZP0) Disa Undergrad	aster Risk Management and Fire Safety, uate Academic Studies		
						(Z20) Environmental Engineering, Undergraduate Academic Studies		
						(E10) Pow Engineerin	ver, Electronic and Telecommunication g, Undergraduate Academic Studies	
						(F00) Gra Academic	phic Engineering and Design, Undergraduate Studies	
						(M20) Meo Undergrad	chanization and Construction Engineering, uate Academic Studies	
7.	EJ02L	Englis	h Language	e – Pre-Intermediate		(MR0) Me Undergrad	asurement and Control Engineering, uate Academic Studies	
		Ŭ	5 0			(Z01) Safe	ety at Work, Undergraduate Academic Studies	
						(ZC0) Clea Academic	an Energy Technologies, Undergraduate Studies	
						(ZP0) Disa Undergrad	aster Risk Management and Fire Safety, uate Academic Studies	
						(Z20) Envi Studies	ronmental Engineering, Undergraduate Academic	

UNIVERSITY OF NOVI SAD

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



Study Programme Accreditation

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				

			(110) Industrial Engineering, Undergraduate Academic Studies
8	E 1027	English Language - Dre-Intermediate	(I20) Engineering Management, Undergraduate Academic Studies
0.	LUUZZ		(S00) Traffic and Transport Engineering, Undergraduate Academic Studies
			(S01) Postal Traffic and Telecommunications, Undergraduate Academic Studies
			(F00) Graphic Engineering and Design, Undergraduate Academic Studies
			(MR0) Measurement and Control Engineering, Undergraduate Academic Studies
9.	EJ03Z	English Language - Intermediate	(Z01) Safety at Work, Undergraduate Academic Studies
			(E10) Power, Electronic and Telecommunication Engineering, Undergraduate Academic Studies
			(Z20) Environmental Engineering, Undergraduate Academic Studies
			(F00) Graphic Engineering and Design, Undergraduate Academic Studies
		English Language – Upper Intermediate	(Z01) Safety at Work, Undergraduate Academic Studies
10.	EJ04L		(E10) Power, Electronic and Telecommunication Engineering, Undergraduate Academic Studies
			(Z20) Environmental Engineering, Undergraduate Academic Studies
		English Language - Elementary	(E20) Computing and Control Engineering, Undergraduate Academic Studies
			(ES0) Power Software Engineering, Undergraduate Academic Studies
			(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

List o	ist of courses being held by the teacher in the accredited study programmes								
	ID	Course name	Study programme name, study type						
			(E20) Computing and Control Engineering, Undergraduate Academic Studies						
			(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						
			(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						



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Study Programme Accreditation

UNDERGRADUATE ACADEMIC STUDIES

Graphic Engineering and Design

List 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			
			(I10) Industrial Engineering, Undergraduate Academic Studies			
34.	EJIIM	English for Specific Purposes	(I20) Engineering Management, Undergraduate Academic Studies			
35.	ETI05	English language - Elementary	(E02) Electronics and Telecommunications, Undergraduate Professional Studies			
			(E20) Computing and Control Engineering, Undergraduate Academic Studies			
			(ES0) Power Software Engineering, Undergraduate Academic Studies			
			(F10) Engineering Animation, Undergraduate Academic Studies			
36.	EJ1Z	English Language - Elementary	(GI0) Geodesy and Geomatics, Undergraduate Academic Studies			
			(SE0) Software Engineering and Information Technologies, Undergraduate Academic Studies			
			(SEL) Software Engineering and Information Technologies - Loznica, Undergraduate Academic Studies			
			(AH0) Architecture, Master Academic Studies			
			(E20) Computing and Control Engineering, Undergraduate Academic Studies			
			(ES0) Power Software Engineering, Undergraduate Academic Studies			
			(F10) Engineering Animation, Undergraduate Academic Studies			
37.	EJ2Z	English Language – Intermediate	(GI0) Geodesy and Geomatics, Undergraduate Academic Studies			
			(SE0) Software Engineering and Information Technologies, Undergraduate Academic Studies			
			(SEL) Software Engineering and Information Technologies - Loznica, Undergraduate Academic Studies			
			(AH0) Architecture, Master Academic Studies			
38.	eja	English Language – a Specialized Course	(AH0) Architecture, Master Academic Studies			
39.	EJE7	English Language - Advanced	(E10) Power, Electronic and Telecommunication Engineering, Master Academic Studies			
40.	F507	English Language for GRID 3	(F00) Graphic Engineering and Design, Master Academic Studies			
41.	NIT03	Business English	(NIT) Industrial Engineering - Advanced Engineering Technologies, Master Academic Studies			
Rep	oresentative	e refferences (minimum 5, not more than 10)				
1.	Prevod m	nonografije: Nenad Teofanov: Ultramodulation Spaces and F	Pseudodifferential Operators, Zadužbina Andrejević			
2.	Prevod p	ublikacije o Fakultetu tehničkih nauka, Faculty of Technical	Sciences, 2004			
3.	Vesna Bo	ogdanović i Ivana Mirović: Engleski jezik 1 za grafičko inžen	jerstvo i dizajn, FTN izdavaštvo, Novi Sad, 2007			
4.	Ivana Mir	ović i Vesna Bogranović: Engleski jezik 2 za grafičko inženj	erstvo i dizajn, FTN izdavaštvo, Novi Sad, 2011			
5.	I. Mirović Jezik stru	, V. Bogdanović, B. Ličen: Istorijat nastave stručnog englesł ıke, teorija i praksa, Beograd, 2008	kog jezika na FTN u Novom Sadu. međunarodna konferencija			
6.	V. Bogda konferen	nović, I. Mirović, B. Ličen: Kreiranje udžbenika za engleski j cija Jezik struke, teorija i praksa, Beograd, 2008	ezik za studente različitog predznanja, međunarodna			
7.	I. Mirović Specific I	, B. Ličen, V. Bogdanović: Summarization skills of engineeri Purposes, Challenges and Prospects, Belgrade, 2011	ing students reading in a second language, Language for			



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



Study Programme Accreditation

UNDERGRADUATE ACADEMIC STUDIES

Re	presen	tative	e ref	fferer	nces ((minir	num	5, n	ot mo	re than	10)	

8.	Mirović I, Gak D., Bogdavović V.: Trust me - I'm an engineer or: Why we should challange our students with demanding tasks, 5th International Conference on the Importance of Learning Professional Foreign Languages for Communication between Cultures, Celje, Slovenia, 2012								
9.	Gak D, Bogdanović V, Mirović I, : Questionnaire - an instrument for collecting valuable data from teachers of business English courses, 5th International Conference on the Importance of Learning Professional Foreign Languages for Communication between Cultures, Celje, Slovenia, 2012								
Su	mmary data for teacher's scientific or art and prof	essional activity:							
Quotation total : 0									
Tota	Total of SCI(SSCI) list papers : 0								
Curr	Current projects : Domestic : 0 International : 0								



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



Study Programme Accreditation

UNDERGRADUATE ACADEMIC STUDIES

Graphic Engineering and Design

Name and last name:			Navalušić V. Slobodan					
Acad	emic title:				Full Professor			
Name of the institution where the teacher works full time and			Faculty of Tee	Faculty of Technical Sciences - Novi Sad				
startı	ng date:				01.12.1975			
Scier	ntific or art f	ield:			Machine Elen	Machine Elements, Construction Principles, Machine and Mechanizm		
Acad	emic caries	er	Year	Institution				
Acad	emic title el	ection:	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 Sciences -		ences - Novi Sa	Ances - Novi Sad 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 tea	acher in the accredited stu	udy programme	s		
	ID	Course	e name			Study pro	gramme name, study type	
1.	A555	Perspe	ective			(GI0) Geo Studies	desy and Geomatics, Undergraduate Academic	
2.	EOS03	Funda elemer	mentals in Ints and Mat	Mechanical Engineering(N erials)	lachine	(E01) Pow Energy, Ur	ver Engineering - Renewble Sources of Electrical Indergraduate Professional Studies	
3.	F202	Fundamentals in Mechanical Engineering				(F00) Gra Academic	ohic Engineering and Design, Undergraduate Studies	
4.	GG03	Descriptive Geometry				(G00) Civi	I Engineering, Undergraduate Academic Studies	
5.	GI104	Descriptive Geometry in Geomatics				(GI0) Geo Studies	desy and Geomatics, Undergraduate Academic	
6. M108 Engineering Graphic Communications				(M20) Med Undergrad (M30) Ene Academic : (M40) Tec Undergrad (P00) Prod Studies	chanization and Construction Engineering, uate Academic Studies ergy and Process Engineering, Undergraduate Studies hnical Mechanics and Technical Design, uate Academic Studies duction Engineering, Undergraduate Academic			
7.	M2610	Graphi	ic Communi	cations and CAD		(H00) Med	hatronics. Undergraduate Academic Studies	
	6010	Deseri	ntivo Coom	ota (and Engineering Dray	wing	(S00) Traffic and Transport Engineering, Undergraduate Academic Studies		
δ.	5012	Descri	plive Geom	etry and Engineering Dra	wing	(S01) Postal Traffic and Telecommunications, Undergraduate Academic Studies		
9.	IA013	Interac	tive Engine	ering Graphics		(F10) Eng Studies	ineering Animation, Undergraduate Academic	
10.	ASO5	Descri	ptive Geom	etry with Perspective 1		(AS0) Sce Undergrad	nic Architecture, Technique and Design, uate Academic Studies	
11.	ASO9	Descri	ptive Geom	etry with Perspective 2		(AS0) Sce Undergrad	nic Architecture, Technique and Design, uate Academic Studies	
12.	ZC007	Engine	ering Grap	hic Communications		(ZC0) Clea Academic	an Energy Technologies, Undergraduate Studies	
13.	M2511	Metho	dology of D	esign		(M22) Meo Academic	chanization and Construction Engineering, Master Studies	
14.	M2655	Mainte	nance of A	gricultural Machinery		(M22) Mea	chanization and Construction Engineering, Master Studies	
15.	AD0013	Theory	of curves a	and surfaces		(AD0) Digi Architectur	ital Techniques, Design and Production in e and Urban Planning, Master Academic Studies	
16.	DM213	Conter Constr	nporary Me ucting	thods of Designing and M	lachine	(M00) Med	chanical Engineering, Doctoral Academic Studies	
17.	DM409	Select	ed Chapter	in Power and Motion Trar	nsmission	(M00) Meo	chanical Engineering, Doctoral Academic Studies	
18.	AID04	Haptic	devices us	age in the virtual environn	nent	(F20) Eng	ineering Animation, 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 1	D)
--	----------------------------	-----------------------------	----

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 EXACT APPROACH TO 3-AXIS MILLING NC SIMULATION AND VERIFICATION", Journal Manufacturing Engineering Vol.3, No.5, Kosicah, 2006., pp. 14-17										
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 5. 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.	6. Desnica E., Letić D., Gligorić R., Navalušić S.: Implementation of information technologies in higher technical education, Metalurgia international, 2012, Vol. 17, No 3, pp. 76-82, ISSN 1582-2214										
7.	Milojević Z., Navalušić S., Milankov M., Obrado based on the X - ray , HealthMED, 2011, Vol. 5	ović R., Harhaji V., Des 5, No 4, pp. 894-900, I	snica E.: System SSN 1840-2991	for femoral tunnel position of	letermination						
8.	Desnica E., Letić D., Navalušić S.: Concept of education, Technics Technologies Education N	distance learning mod lanagement, 2010, Vo	lel in graphic com I. 5, No 2, pp. 378	munication teaching at univ 3-388, ISSN 1840-1503	ersity level						
9.	Milojević Z., Navalušić S., Milankov M., Obrado generation, HealthMED, 2011, Vol. 5, No 5, pp	ović R., Desnica E., Ha . 1211-1217, ISSN 184	arhaji V.: Method 40-2991	ology for 3D femur approxim	nate 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									
Tota	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

Graphic Engineering and Design

Name and last name:					Nedeljković S. Uroš				
Academic title:			Assistant Professor						
Name of the institution where the teacher works full time and			Faculty of Technical Sciences - Novi Sad						
starting date:			30.03.2005						
Scier	ntific or art f	ield:			Graphic Engi	Graphic Engineering and Design			
Acad	lemic caries	er	Year	Institution			Field		
Acad	lemic title e	lection:	2010	Faculty of Technical Sci	ences - Novi S	ad	Graphic Engineering and Design		
Magi	ster thesis		2007	Academy of Arts - Novi	Sad		Fine Arts		
Bach	elor's thesis	S	2002	Academy of Arts - Novi	Sad		Fine Arts		
List o	of courses b	eing he	ld by the tea	acher in the accredited stu	udy programme	es I			
	ID	Course	e name			Study pro	ogramme name, study type		
1.	F208	Туре а	and Typogra	iphy		(F00) Gra Academic	phic Engineering and Design, Undergraduate Studies		
2.	F214I1	Graph	ic culture			(F00) Gra Academic	phic Engineering and Design, Undergraduate Studies		
3.	F230	Desigr	n of Graphic	Products		(F00) Gra Academic	phic Engineering and Design, Undergraduate Studies		
4.	F302I1	Graph	ic Commun	ication		(F00) Gra Academic	phic Engineering and Design, Undergraduate Studies		
5.	F312	Funda	mentals of	spatial design		(F00) Gra Academic	phic Engineering and Design, Undergraduate Studies		
6.	F401	Graph	ic Design			(F00) Gra Academic	phic Engineering and Design, Undergraduate Studies		
7.	ASO311	Sociology of Art and Culture				(AS0) Sce Undergrad	AS0) Scenic Architecture, Technique and Design, ndergraduate Academic Studies		
8.	IM1003	Sociology of Work				 (110) Industrial Engineering, Undergraduate Academic Studies (120) Engineering Management, Undergraduate Academic Studies 			
9.	F504I2	Video	game desig	n		(F00) Gra	phic Engineering and Design, Master Academic		
10.	F504I5	Advert	ising Efficie	ncy		(F00) Graphic Engineering and Design, Master Academic Studies			
11.	F506	Spatia	l Design			(F00) Graphic Engineering and Design, Master Academic Studies			
12.	F510I1	Desigr	n of industri	al products		(F00) Graphic Engineering and Design, Master Academic Studies			
13.	F510l2	Chara	cter and mo	vement design		(F00) Graphic Engineering and Design, Master Academic Studies			
Rep	oresentative	e reffere	nces (minin	num 5, not more than 10)					
1.	Nedeljko	vić, S; N	ledeljković,	U; Pismo i tipografija, Fak	ultet tehničkih	nauka, Nov	i Sad, 2012		
2.	Banjanin fonts on t 379X, UE	B., Ned the outp DK: 777.	eljković U.: ut device so 27:777.3	Font hinting techniques a creen , JGED Journal of G	and the importa Graphic Enginee	ince of apply ering and De	ying these techniques for high-quality display of esign, 2012, Vol. 3, No 1, pp. 23-30, ISSN 2217-		
3.	Nedeljko Engineer	vić, U., E ing and	Banjanin, B. Design, GF	, Pinćjer, I.: Designing Gr ID (5; Novi Sad; 2010), F	id Sans Regula Fakultet tehničk	ar with Titling kih Nauka, N	g Alternates, International Symposium on Graphic Iovi Sad, 155-162.		
4.	NEDELJI Internatic grafičara	KOVIĆ S onal Con , Sveuči	S., NEDELJ Iference on lište u Zagr	KOVIĆ U., PINĆJER, I.: A Printing, Design and Gra ebu, Grafički fakultet, Zag	ANOTHER INS phic Communic reb, 2011, pp.	IGHT ON N ations Blaž 420-427, IS	EO-CLASSICAL TYPE FORMS, 15 th Baromić - Proceedings, Hrvatsko društvo BN 978-953-56838-0-3		
5.	Nedeljko Vojvodine	vić, U; ⊺ e–UPIDI	Tipografsko IV, Muzej V	pismo Grid Sans, FORM ojvodine, 28.04–15.05.20	A 21, Udruženj 11. Novi Sad.,	e likovnih ur 2011	metnika primenjenih umetnosti i dizajnera		
6.	Nedeljko OF THE Struga 22 kulturata oktomvri Sad, 19. Decembe	vić, U: "/ SOUND 2 avgust Kavada 2009; 1 April 20 er 2010.	AŠIKU", INT S" THE SC 2009; 1.2 rci, 20 sept I.6. Umetnič 10; 1.9. Bo , Skoplje, I	ERNATIONAL FINE ART OUNDS OF THE DREAMS . NU, Centar za kultura "C emvri 2009; 1.4. Naroder ka galerija Kumanovo, m ston, St. Sava Church in (NTERNACIONALEN LIK)	CARAVAN 20 S 2009-2010 1 Grigor Priličev, n muzej Veles, art 2010; 1.7. Cambridge, MA OVEN KARAV/	.1. Naciona Ohrid, 3 sep 12 oktomvri Blok Galerija A, November	ALL THAT MUSIC-SOUNDS OF COLOR, COLOR Ina institucija, Centar za kultura Braka Miladinovci, otemvri 2009; 1.3. Gradska galerija – Dom na 2009; 1.5. Galerija na DLUM Skopje, 28 a Beograd, 20. mart 2010; 1.8. Galerija Most Novi r 2010; 1.10. Detroit, October 2010; New York,		

STAS STUDIORUM			UNIVERSITY OF NO	VI SAD		WYKHX H				
		FACULTY OF TECHNICAL SCIENCES 21000 NOVI SAD, TRG DOSITEJA OBRADOVIĆA 6								
		Study F	Study Programme Accreditation							
.01	LANTEN	UNDERGRADUATE ACADEMIC	STUDIES	e Ho.						
Rep	presentative r	efferences (minimum 5, not more th	an 10)							
7.	 Nedeljković, U., Pinćjer, I., Vladić, G.: THE EFFICIENCY OF MESSAGE CODIFICATION LEVEL IN PRINT ADVERTISEMENTS: THE CASE OF FOOD AND DRINK PRODUCTS OR SERVICE, Journal of Graphic Engineering and Design, University of Novi Sad, Faculty of Technical Sciences, Department of Graphic Engineering and Design, Novi Sad, 2011, pp. 16-23, ISSN 2217- 379X. COBISS.SR-ID 257662727 									
8.	Uroš Nedel Internationa grafičara, S	jković, Irma Puškarević: RHETORI0 al Conference on Printing, Design a iveučilište u Zagrebu, Grafički fakuli	CAL TYPOGRAPHY C nd Graphic Communic tet, Zagreb, 2011, pp.	DF MULTI-STYLE cations Blaž Baro 121-133, ISBN 97	AND DECONSTRUCTIVIS mić - Proceedings, Hrvatsko 78-953-56838-0-3	M, 15 th o društvo				
9.	Puškarević CODES, 16 grafičara, 2	I., Nedeljković U.: THE EFFECTIV 3. "Blaž Baromić" International Conf 6-29 Septembar, 2012, pp. 273-286	ENESS OF SEX APP erence on printing, de 5, ISBN 978-953-5683	EAL IN ADVERTI sign and graphic 8-2-7	SING IN RELATION TO SE communications, Senj: Hrva	MIOTIC atsko društvo				
10.	 Nedeljković U.: Grid Sans, Izložba GRIFON2012, 9.konkurs za najbolji grafički dizajn u Srbiji, Republici Srpskoj, i Crnoj Gori, u 2010. i 2011. godini.Grafički kolektiv, Beograd, 18.06–07.07.2012, Beograd, Grafički kolektiv i Quadra Graphic, 2012, ISBN 978- 86-7726-041-5 									
Sur	mmary data fo	or teacher's scientific or art and profe	essional activity:							
Quot	tation total :		0							
Tota	l of SCI(SSCI)) list papers :	0		1	1				
Curre	ent projects :		Domestic :	0	International :	0				



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



Study Programme Accreditation

UNDERGRADUATE ACADEMIC STUDIES

Graphic Engineering and Design

Name and last name:						Nedeljković M. Slobodan					
Acad	emic title:					Full Professor					
Name	e of the inst	itution v	vhere the te	acher works full tim	ne and	Academy of Arts - Novi Sad					
starti	ng date:					15.03.2003					
Scier	ntific or art f	ield:				Graphic Desi	gn				
Acad	emic caries	er	Year	Institution				Field			
Acad	emic title e	ection:	2007	Academy of Arts -	- Novi	Sad		Graphic Design			
PhD	thesis		2009	Faculty of Technic	cal Sci	ences - Novi Sa	ad	Graphic Engineering and Design			
Magi	ster thesis		1982	Faculty of Fine Ar	rts - Be	ograd		Fine Arts			
Bach	elor's thesis	5	1977	Faculty of Fine Ar	rts - Be	ograd		Fine Arts			
List o	of courses b	eing hel	ld by the tea	acher in the accred	ited stu	udy programme	S				
	ID	Course	e name				Study pro	gramme name, study type			
1.	F214I1	Graphi	ic culture				(F00) Graj Academic	ohic Engineering and Design, Undergraduate Studies			
2.	F312	Funda	mentals of	spatial design			(F00) Graj Academic	ohic Engineering and Design, Undergraduate Studies			
3.	F412l1	Creativ	ve Calligrap	bhy			(F00) Graj Academic	ohic Engineering and Design, Undergraduate Studies			
4.	F506	5 Spatial Design					(F00) Graj Studies	00) Graphic Engineering and Design, Master Academic udies			
5.	FDS211	1 Selected Chapters in Design					(F00) Graj Studies	ohic Engineering and Design, Doctoral Acader	mic		
6.	FDS212	2 Selected Chapters in Art in Graphic Engineering					(F00) Gra Studies	ohic Engineering and Design, Doctoral Acader	mic		
Rep	oresentative	reffere	nces (minin	num 5, not more tha	an 10)						
1.	S. Nedelj	ković, N	1. Nedeljkov	vić, Udžbenik "Grafi	ičko ob	likovanje i pism	no" — 1988, ⁻	1998, 2006.			
2.	NEDELJI naučno-s	COVIĆ S tručnog	S., NEDELJ simpozijum	IKOVIĆ U.: PUT KA na GRID 2006, Faki	A NOV	OJ FORMI BAF hničkih nauka,	ROKNOG ĆI Novi Sad, 2	RILIČNOG PISMA« Zbornik radova Trećeg 006, pp. 159-168			
3.	Nedeljko	vić, S; N	edeljković,	U; Pismo i tipografi	ija, Fak	ultet tehničkih	nauka, 2012	2.			
4.	Nedeljko Graficki f and grap	vić, S; P akultet; hic com	inćjer, I;Ne (Polje rezul munications	deljković, U; ANOT tata: Tehničko-tehn s (14 ; Senj ;2011)	HER IN nološke	NSIGHT ON NE nauke) Skup "	EO-CLASSI Blaž Barom	CAL TYPE FORMS, Sveuciliste u Zagrebu, ić" International Conference on printing, desig	n		
5.	Nedeljko Fakultet t	vić, S; N ehničkih	edeljković, n Nauka, No	U; Pinćjer, I; Zahar ovi Sad; Internation	ius Go al Sym	toantikva iposium on Gra	phic Engine	ering and Design, GRID (5 ; Novi Sad ; 2010)			
6.	Nedeljko disertacij	vić, S; T a, Fakul	ipografije ći tet tehničkil	iriličnih baroknih pis h nauka, Grafičko ir	sama tr nženjer	ansponovane i stvo i dizajn, 2	u savremen 009	u tipografku formu; Odbranjena doktorska			
7.	Nedeljkov Symposiu Graphic I	vić, S; P um on G Enginee	inćjer, I; Ne Faphic Eng ring and De	edeljković, U; Princi ineering and Desig esign, 271-278	ples of n, GRII	art nouveau ar D (6; Novi Sad;	nd its reflect 2012) Fac	ion on contemporary type forms, International ulty of Technical Sciences, Department of			
8.	NEDELjk Fakultet t	OVIĆ, l ehničkih	J; NEDELjk n nauka, No	(OVIĆ, S: Univerza ovi Sad, 2008, pp. 8	Ino pis 35-90	mo, Zbornik ra	dova Četvrto	og naučno-stručnog simpozijuma GRID 08,			
9.	Nedeljkov tehničkih	vić, S; P nauka,	avlović, Ž: . 1-3.11.2004	JUGOSLOVENSKA 4; pp.105-110	A (SRP	SKA) LATINIC	A, 1. Nučno	-stručni simpozijum GRID, Novi Sad; Fakultet			
10.	Nedeljkov Fakultet t	vić, S. (2 ehničkih	2009) Tipog n nauka, No	rafije ćiriličnih baro ovi Sad	knih pi	sama transpon	ovane u sav	remenu tipografku formu, Doktorska disetacija	a,		
Sun	nmary data	for teac	her's scient	tific or art and profe	essiona	l activity:					
Quot	ation total :				0						
Total	of SCI(SS	CI) list p	apers :		0						
Current projects : Domestic :					Dome	estic :	0	International : 0			



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



Study Programme Accreditation

UNDERGRADUATE ACADEMIC STUDIES

Graphic Engineering and Design

Name and last name:					Nenadić M. Goran				
Academic title:			Guest Professor						
Nam starti	e of the insting date:	itution v	where the te	acher works full time and	-				
Scientific or art field:			Applied Computer Science and Informatics						
Acad	lemic cariee	er	Year	Institution			Field		
Acad	lemic title el	ection:	2012				Applied Computer Science and Informatics		
PhD	thesis		2003				Mathematical Sciences		
Magi	ster thesis		1997				Mathematical Sciences		
Bach	elor's thesis	6	1993				Mathematical Sciences		
List o	of courses b	eing he	d by the tea	acher in the accredited stu	udy programme	S			
ID Course name				Study pro	gramme name, study type				
						(E20) Con Academic	nputing and Control Engineering, Undergraduate Studies		
1.	E2K40A	Soft C	omputing			(MR0) Me Undergrad	asurement and Control Engineering, uate Academic Studies		
						(SE0) Sof Undergrad	tware Engineering and Information Technologies, uate Academic Studies		
						(SEL) Sof Loznica, U	tware Engineering and Information Technologies - ndergraduate Academic Studies		
2.	ISIT2D	Web d	esign			(SII) Softw Undergrad	vare and Information Technologies (Inđija), uate Professional Studies		
						(F00) Graphic Engineering and Design, Undergraduate Academic Studies			
						(MR0) Measurement and Control Engineering, Undergraduate Academic Studies			
3.	SE0001	Introduction to Programming				(P00)Prod Studies	duction Engineering, Undergraduate Academic		
						(SE0) Sof Undergrad	tware Engineering and Information Technologies, uate Academic Studies		
						(SEL) Software Engineering and Information Technologies - Loznica, Undergraduate Academic Studies			
4	SE0014	Comp	iter organis	ation		(SE0) Sof Undergrad	tware Engineering and Information Technologies, uate Academic Studies		
т.	020014	Compt				(SEL) Software Engineering and Information Technologies - Loznica, Undergraduate Academic Studies			
5	SE0016	Databa	200			(SE0) Sof Undergrad	tware Engineering and Information Technologies, uate Academic Studies		
0.	020010	Databa	1303			(SEL) Sof Loznica, U	tware Engineering and Information Technologies - ndergraduate Academic Studies		
6	SE0024	Softwa	ire Constru	ction and Testing		(SE0) Soft Undergrad	tware Engineering and Information Technologies, uate Academic Studies		
0.	020021					(SEL) Software Engineering and Information Technologies - Loznica, Undergraduate Academic Studies			
7	SE0031	Onera	tina System	c		(SE0) Software Engineering and Information Technologies, Undergraduate Academic Studies			
7.	020001	Opera	ing bysten			(SEL) Software Engineering and Information Technologies - Loznica, Undergraduate Academic Studies			
						(P00) Proo Studies	duction Engineering, Undergraduate Academic		
8.	SE239A	Web p	rogramminę	9		(SE0) Sof Undergrad	(SE0) Software Engineering and Information Technologies, Undergraduate Academic Studies		
						(SEL) Software Engineering and Information Technologies - Loznica, Undergraduate Academic Studies			
<u>o</u>	SES40	Softwa	ire patterns	and components		(SE0) Soft 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

Graphic Engineering and Design

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

		<u> </u>	,, ,	
	ID	Course name		Study programme name, study type
10	E2502	Data Mining and Data Analysis Syste	200	(E20) Computing and Control Engineering, Master Academic Studies
10.	E2505	Data winning and Data Analysis Syste	2015	(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 Natworks		(E20) Computing and Control Engineering, Master Academic Studies
12.	L2020	Social Networks		(SE0) Software Engineering and Information Technologies, Master Academic Studies
13	E2524	Text Mining		(E20) Computing and Control Engineering, Master Academic Studies
13.	L2324	Text Mining		(SE0) Software Engineering and Information Technologies, Master Academic Studies
14	E2527	Rusinoss Intelligence		(E20) Computing and Control Engineering, Master Academic Studies
14.	L2327	Business intelligence		(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	refferences (minimum 5, not more the	an 10)	
1.	Spasic, I. and Sem	, Sarafraz, F., Keane, J., Nenadic, G.: antic Rules, J. of American Medical In	Extraction of Medicat formatics Association	ions from Hospital Discharge Letters with Pattern Matching 17(5): 532-535, 2010
2.	Gerner, N Bioinform	<i>I</i> ., Nenadic, G., Bergman, C.: LINNAE atics 11:85, 2010	US: A Species Name	Identification System for Biomedical Literature, BMC
3.	Yang, H., Summari	Spasic, I., Keane, J., Nenadic, G.: A es, J. of American Medical Informatics	Text Mining Approach Association, 16(4):59	to the Prediction of a Disease Status from Clinical Discharge 6-600
4.	Yang, H., Biomedic	Keane, J., Bergman, C., Nenadic, G. al Informatics, Vol. 42(5), pp. 887-894	Assigning Roles to P	rotein Mentions: the Case of Transcription Factors, Journal of
5.	Yang, H., BMC Bioi	Nenadic, G., Keane, J.: Identification informatics 2008, 9(Suppl 3):S11	of Transcription Factor	or Contexts in Literature using Machine Learning Approaches,
6.	Rice, S., Bioinform	Nenadic, G., Stapley, B.: Mining Prote atics 2005, 6(Suppl 1):S22	in Function from Text	Using Term-based Support Vector Machines, BMC
7.	Krautham 2004, pp.	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.	Nenadic, Biomedic	G., Mima, H., Spasic, I., Ananiadou, S ine, Int. J. of Medical Informatics, Vol.	S., Tsujii, J.: Terminolo 67(1-3), 2002, pp. 33	pgy-based Literature Mining and Knowledge Acquisition in -48
Sun	nmary data	for teacher's scientific or art and profe	essional activity:	
Quot	ation total :			
Total	of SCI(SSC	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

Graphic Engineering and Design

Nam	e and last n	ame:			Nikolić T. Slav	vka		
Acad	lemic title:				Associate Pro	ofessor		
Nam	e of the inst	itution v	vhere the te	acher works full time and	Faculty of Tee	chnical Scie	nces - Novi Sad	
starti	ng date:				01.01.2000			
Scier	ntific or art f	ield:		1	Production Sy	/stems, Org	anization and Management	
Acad	lemic cariee	er	Year	Institution				
Acad	lemic title el	ection:	2012				Production Systems, Organization and Management	
PhD	thesis		2002	Faculty of Organizationa	al Sciences - Be	eograd	Management and Business	
Magister thesis 1992 Faculty of Organization					al Sciences - Be	eograd	Organization Science	
Bach	elor's thesis	6	1978	Faculty of Technology a	nd Metallurgy -	Beograd	Technological Processes, Techno-Economic Optimization and Virtual Design	
List c	of courses b	eing he	ld by the te	acher in the accredited stu	udy programme	s		
ID Course name						Study pro	gramme name, study type	
1.	F109	Marketing and Entrepreneurship				(F00) Gra Academic	phic Engineering and Design, Undergraduate Studies	
2.	11202	Marke	ting			(SII) Softw Undergrad	vare and Information Technologies (Inđija), uate Professional Studies	
3.	IM1015	Indust	rial Marketii	ng		(I20) Engi Studies	neering Management, Undergraduate Academic	
4.	IM1051	Marke	t Research			(I20) Engi Studies	neering Management, Undergraduate Academic	
5.	IM1219	Analys	sis of entrep	reneurial environment		(I20) Engineering Management, Undergraduate Academic Studies		
6.	IM1806	Behav	ioral model	s of industrial customers		(I20) Engir Studies	neering Management, Undergraduate Academic	
7.	IM1816	Indust	rial brand m	anagement		(I20) Engin Studies	neering Management, Undergraduate Academic	
8.	S1I323	Marke	t research a	and customer behavior		(S01) Pos Undergrad	tal Traffic and Telecommunications, uate Academic Studies	
9.	IMDR0S	Selecter and co	ed chapters	; in enterprise's design, or	ganization	(112) Industrial Engineering, Specialised Academic Studies (122) Engineering Management, Specialised Academic Studies		
10	MBA415	Develo	opment of s	ervices, products and mar	keting of	(I20) Engi Studies	neering Management, Specialised Professional	
10.	NID/(+10	techno	ological inno	ovation		(IB0) Engi Profession	ineering Management - MBA, Specialised	
11.	RPR003	Marke	ting and Str	ategies for Regional Deve	elopment	(RPR) Reg Master Aca	gional Development Planning and Management, ademic Studies	
12.	IM2807	Strateg	gic industria	Il marketing management		(M50) Ene (120) Engin	ergy Management, Master Academic Studies	
13.	IM2819	Indust	rial eco-mai	ketina		(120) Engin	neering Management, Master Academic Studies	
14	IMDS76	Select	ed topics in ering	industrial marketing and i	media	(I22) Engin	neering Management, Specialised Academic	
15.	IMDS82	Indust	rial eco-mai	keting management		(I22) Engi Studies	neering Management, Specialised Academic	
16.	IMDR0	Scienc	e of Indust	rial Engineering and Mana	agement	(I20) Indus Doctoral A	strial Engineering / Engineering Management, cademic Studies	
17.	IMDR76	Select	ed topics in ering	industrial marketing and I	media	(I20) Indus Doctoral A	strial Engineering / Engineering Management, cademic Studies	
18.	IMDR82	Indust	rial eco-mai	keting management		(I20) Indus Doctoral A	strial Engineering / Engineering Management, cademic Studies	
Rep	oresentative	reffere	nces (minin	num 5, not more than 10)				
1.	Nikolić S. Managen	, Ćosić nent, 20	I., Miletić A 11, Vol. 5, I	., Pečujlija M.: The effect No 20, pp. 8347-8360, ISS	of the 'golden i SN 1993-8233	atio' on con	sumer behaviour, African Journal of Business	

STAS STUD			UNIVERSITY OF NO	VI SAD		WAKNX M.			
A A	NON THE REAL	FACULTY OF TECHNICAL SCI	ENCES 21000 NOVI	SAD, TRG DOSIT	EJA OBRADOVIĆA 6				
2.2		Study F	Programme A	ccreditatio	on	Contraction of the			
.0	LANTER	UNDERGRADUATE ACADEMIC	STUDIES	Graphic	Engineering and Design	HO			
Re	presentative r	efferences (minimum 5, not more th	an 10)						
2.	 Nikolić, T.S.; Mujićić,V.; Anđelić,G.: Entrepreneurship and Crisis Management – Two Sides of the Same Coin, International Conference for Entrepreneurship, Innovation and Regional Development, ICEIRD2010, ISBN 978-86-7892-250-3, COBISS.SR-ID 252076295, CD ROM, str. 559-564. 								
3.	Dimitrijević(Nikolić), T. S.: Marketing u industriji teške mašinogradnje; Međunarodna naučna konferencija TEŠKA MAŠINOGRADNJA TM96, Kraljevo 1996., str. 4.51								
4.	Nikolić, T.S 215489031	.: Stretegijski menadžment u minsk ,Vol. 10 (3), 2-5;	om polju savremenost	i, STRATEGIJSK	I MENADŽMENT, ISSN 03	354-8414, ID=			
5.	Nikolić, S., Slovakia, 2	Ćosić, I.: Industry and Modern man 002.; CD ROM, r.6	agement (New Dimen	sion of Success);	International Conference	TOOLS 2002,			
6.	Nikolić, T.S 2011., Vol.	, Pecujlija, M.: Customer behavior i 6 (9), pp. 3147-3155, 7 March, 2013	n the culture of fear ar 2, ISSN 1993-8233	d short attention,	African Journal of Busines	ss Managemen,			
7.	Nikolić S.: DOMINAN MCP-CE, N	CUSTOMIZED' CONSUMER AND I CULTURAL PATTERN, 5. Interna Iovi Sad: University of Novi Sad, 19	CONSUMER 'INNOV/ tional Conference on I -21 Septembar, 2012,	ATOR' IN THE LIC Mass Customizati pp. 170-174	GHT OF SOCIAL CAPITAI ion and Personalization in	_ AND Central Europe			
8.	Nikolić, T.S CRISIS OF	., Stamatović, M., Miladinović, S.: M TRANSITION AND TRANSITION (larketing Reflexion in DF CRISIS 2011, B. L	Broken Transition .uka, BiH	Mirror, International Scier	ntific Conference			
9.	Nikolić, T.S	.: Menadžment između mislećeg i o	sećajnog, monografija	a, Fakultet tehničk	kih nauka, Univerzitet u No	vom Sadu, 2010.			
10.	Nikolić, T.S.; Strak, M.; Gujanica, I.:Business System Between "Liposuction" and "Bodybuilding"; International Journal of Strategic management and Decision Support Systems in Strategic Management, Vol.14, No4, p.33-38;								
Summary data for teacher's scientific or art and professional activity:									
Quot	tation total :		0						
Tota	I of SCI(SSCI) list papers :	2			1.			
Curr	ent projects :		Domestic :	0	International :	0			



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



Study Programme Accreditation

UNDERGRADUATE ACADEMIC STUDIES

Graphic Engineering and Design

Nam	e and last n	ame:			Novaković M. Dragoljub			
Acad	emic title:				Full Professo	r		
Nam	e of the inst	titution v	vhere the te	acher works full time and	Faculty of Te	chnical Scie	nces - Novi Sad	
starti	ng date:				01.02.1988			
Scier	ntific or art f	ield:			Graphic Engineering and Design		Design	
Acad	emic caries	er	Year	Institution			Field	
Acad	emic title e	lection:	2011	Faculty of Technical Sci	ences - Novi S	ad	Graphic Engineering and Design	
PhD	thesis		2001	Faculty of Technical Sci	ences - Novi S	ad	Graphic Engineering and Design	
Magi	ster thesis		1994	Faculty of Technical Science	ences - Novi S	ad	Machine Tools, Flexible Technological Systems and Automatization Processes Design	
Bach	elor's thesis	S	1981	Faculty of Technical Sci	ences - Novi S	ad	Processes for Material Removal Processing	
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.	F114	Graph	ic applicatio	ons		(F00) Gra Academic	phic Engineering and Design, Undergraduate Studies	
2.	F201	Introdu	uction to Gra	aphic Technologies		(F00) Gra Academic	phic Engineering and Design, Undergraduate Studies	
3.	F206	Graph	ic Processe	S		(F00) Gra Academic	phic Engineering and Design, Undergraduate Studies	
4.	F211I1	Graph	ic design pr	oducts		(F00) Gra Academic	phic Engineering and Design, Undergraduate Studies	
5.	F303	Printin	g Techniqu	es		(F00) Gra Academic	phic Engineering and Design, Undergraduate Studies	
6.	F306	Graph	ic Systems			(F00) Gra Academic	phic Engineering and Design, Undergraduate Studies	
7.	F308	Print fi	nishing			(F00) Gra Academic	phic Engineering and Design, Undergraduate Studies	
8.	F407	Colour	Science			(F00) Gra Academic	phic Engineering and Design, Undergraduate Studies	
9.	F502	Graph	ic Packagin	g		(F00) Gra Studies	phic Engineering and Design, Master Academic	
10.	F504I7	Digital	Printing			(F00) Gra Studies	phic Engineering and Design, Master Academic	
11.	F510I3	Metho	d of researd	ch		(F00) Graphic Engineering and Design, Master Academic Studies		
12.	FDS13	Select Techn	ed Chapters ologies	s in Contemporary Graphi	с	(F00) Graphic Engineering and Design, Doctoral Academic Studies		
13.	FDS141	Select	ed Chapter	s in Colour Management		(F00) Gra Studies	phic Engineering and Design, Doctoral Academic	
14.	FDS153	Colour	and Image	Appearance Models		(F00) Gra Studies	phic Engineering and Design, Doctoral Academic	
15.	FDS221	Select	ed Chapters	s in Packaging		(F00) Gra Studies	phic Engineering and Design, Doctoral Academic	
16.	FDS223	Select and Pr	ed Chapters ocesses	s in Contemporary Graphi	c Systems	(F00) Gra Studies	phic Engineering and Design, Doctoral Academic	
Rep	oresentative	e reffere	nces (minin	num 5, not more than 10)				
1.	NOVAKC Novi Sad)VIĆ, D. , 2001	: Prilog ruko	ovanju materijalom u grafi	čkim sistemima	a, Doktorska	i disertacija, Fakultet tehničkih nauka, 280 strana,	
2.	Novakovi original s	ć D., Ka cientific	arlović I., Go paper, Tek	ojo M., Agić D.: Influence stil, 2009, Vol. 58, No 8, p	of surface enh p. 384-392, IS	ancement of SN 0492-58	f prints on colourimetric an visual characteristics, 82, UDK: 677.027.57:655.3	
3.	Novakovi difference 5882, UD	ić D., Ka es on th 0K: 677.	ašiković N., e digitally p 856:677.01	Zeljković Ž., Agić D., Gojc rinted textile materials, ori 6.413.4	M.: Thermog ginal scientific	raph analys paper, Teks	is of thermal effects on the change of colour til, 2010, Vol. 59, No 7, pp. 297-306, ISSN 0492-	
4.	Novakovi scientific	ć D., De paper,	edijer S., Po Fehnički vje	ljaček- Mahović S.: A mo snik/Technical Gazette, 2	del for improvi 010, Vol. 17, N	ng the flexo o 4, pp. 403	graphic printing plate making process, original 3-410, ISSN 1330-3651, UDK: 655.22:621.78	
5.	Karlović I Prints, J	., Noval MAGIN	ković D.: El G SCI TEC	ffect of Different Coating A HN, 2011, Vol. 55, No 2, p	Amounts on the op. 1-10, ISSN	Surface Ro 1062-3701	bughness and Print Gloss of Screen Coated Offset	

0	TAS STU		UNIVERSITY OF NO	VI SAD		WKWX /			
INFR.	OIOR	FACULTY OF TECHNICAL SCI	ENCES 21000 NOVI S	SAD, TRG DOSIT	EJA OBRADOVIĆA 6	STATE AND			
The star		Study Programme Accreditation							
,O,	LANTEN	UNDERGRADUATE ACADEMIC	ADUATE ACADEMIC STUDIES Graphic Engineering and Design						
Re	Representative refferences (minimum 5, not more than 10)								
6.	Filipović N., rusk, Roum	Lazić V., Filipović J., Gvozdenović anian Biotechnological Letters, 201	J., Novaković D.: Pao 2, ISSN 1224-5984	ckaging material o	characteristics contributing to	o shlef-life of			
7.	Novaković I vjesnik/Tec	D., Avramović D.: Influence of print hnical Gazette, 2012, Vol. 19, No 2	ing surface attributes (, pp. 295-301, ISSN 13	on print quality in 330-3651, UDK: 6	electrophotography, Tehničl 2(05)=163.42=111	k i			
8.	Kašiković N TEXTILE M	., Novaković D., Karlović I., Vladić (ATERIALS, Tekstil ve konfeksiyon,	G.: INFLUENCE OF I 2012, Vol. 22, No 2, p	NK LAYERS ON ⁻ pp. 115-124, ISSN	THE QUALITY OF INK JET I 1300-3356	PRINTED			
9.	Pavlović Ž., Tehnički vje	Novaković D., Cigula T.: Wear ana esnik/Technical Gazette, 2012, Vol.	alysis of the offset prin 19, No 3, pp. 479-484	ting plate`s non/p , ISSN 1330-365′	orinting areas depending on 1, UDK: 655.344:620.178.16	exploitation,			
10.	Pavlović Ž., surface rou	Risović D., Novaković D.: Compar ghness,, Surface and Interface Ana	ative study of direct a lysis, 2012, Vol. 44, N	nd indirect, image o 7, pp. 825-830,	-based profilometry in chara UDK: Online ISSN:1096-99	acterization of 18			
Su	mmary data fo	r teacher's scientific or art and profe	essional activity:						
Quo	tation total :		350						
Tota	I of SCI(SSCI)	list papers :	9						
Curr	ent projects :		Domestic :	1	International :	1			



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



Study Programme Accreditation

UNDERGRADUATE ACADEMIC STUDIES

Graphic Engineering and Design

Nam	Name and last name:				Pavlović S. Živko			
Acad	lemic title:				Assistant Professor			
Nam	e of the inst	titution v	vhere the te	acher works full time and	Faculty of Te	chnical Scie	nces - Novi Sad	
starti	ng date:				10.07.2000			
Scientific or art field:					Graphic Engli	Graphic Engineering and Design		
Acad	lemic caries	er	Year		N : 0			
Acad	lemic title e	lection:	2012	Faculty of Technical Sci	ences - Novi Sa	ad	Graphic Engineering and Design	
PhD	thesis		2012	Faculty of Technical Sci	ences - Novi S	ad	Graphic Engineering and Design	
Magi	ster thesis		2007	Faculty of Technical Sci	ences - Novi Sa	ad	Graphic Engineering and Design	
Bach	elor's thesis	S	2002	Faculty of Technical Sci	ences - Novi S	ad	Graphic Engineering and Design	
LIST	of courses b	eing ne	id by the te	acher in the accredited stu	idy programme	S		
	ID	Course	e name			Study pro	gramme name, study type	
1.	F303	Printin	g Techniqu	es		(F00) Gra Academic	phic Engineering and Design, Undergraduate Studies	
2.	F304I1	Digital	Photograp	лу		(F00) Gra Academic	phic Engineering and Design, Undergraduate Studies	
3.	F307	Printin	g Forms			(F00) Gra Academic	phic Engineering and Design, Undergraduate Studies	
4.	F407	Colour	Science			(F00) Gra Academic	phic Engineering and Design, Undergraduate Studies	
5.	F408	Indust	rial Design			(F00) Gra Academic	phic Engineering and Design, Undergraduate Studies	
6.	F411	Basics	of game m	aking		(F00) Gra Academic	phic Engineering and Design, Undergraduate Studies	
7.	F504I9	Colour	Managem	ent		(F00) Gra Studies	phic Engineering and Design, Master Academic	
8.	F510I1	Design of industrial products				(F00) Gra Studies	phic Engineering and Design, Master Academic	
9.	F510I3	Metho	d of researd	ch		(F00) Gra Studies	phic Engineering and Design, Master Academic	
10.	FDS141	Select	ed Chapter	s in Colour Management		(F00) Graphic Engineering and Design, Doctoral Academic Studies		
11.	FDS153	Colour	and Image	Appearance Models		(F00) Graphic Engineering and Design, Doctoral Academi Studies		
12.	FDS221	Select	ed Chapter	s in Packaging		(F00) Graphic Engineering and Design, Doctoral Academic Studies		
13.	FDS222	Lightne	ess and Co	lour Perception		(F00) Gra Studies	phic Engineering and Design, Doctoral Academic	
14.	FDS223	Selecter and Pr	ed Chapter ocesses	s in Contemporary Graphi	c Systems	(F00) Gra Studies	phic Engineering and Design, Doctoral Academic	
Rep	oresentative	reffere	nces (minin	num 5, not more than 10)				
1.	Reprodul	kciona te	ehnika,priru	čnik za vežbe, Novi Sad 2	2008, ISBN 978	8-86-7892-1	33-9, COBISS.SR-ID 234181639	
2.	Tehnike s	štampe,	Praktikum	za vežbe, Novi Sad 2011,	ISBN 978-86-	7892-350-0,	COBISS.SR-ID 266828039	
3.	Pavlović surface r	Ž., Riso ouahnes	vić D., Nov ss., Surface	aković D.: Comparative st and Interface Analysis. 2	tudy of direct a 012. Vol. 44. N	nd indirect, i o 7. pp. 825	image-based profilometry in characterization of -830. UDK: Online ISSN:1096-9918	
4.	Pavlović Tehnički	Ž., Nova vjesnik/	aković D., C Technical C	igula T.: Wear analysis o Gazette, 2012, Vol. 19, No	f the offset prin 3, pp. 479-484	ting plate`s , ISSN 1330	non/printing areas depending on exploitation, D-3651, UDK: 655.344:620.178.16	
5.	 Apro M., Dedijer S., Pavlović Ž., Đerić A.: Analiza lepljenih spojeva transportnih kutija od talasastih lepenki, 18. Međunarodni simpozijum iz oblasti celuloze, papira, ambalaže i grafike, Zlatibor: Tehnološko-metalurški fakultet Univerziteta u Beogradu, Centar celulozno-papirne, ambalažne i grafičke industrije Srbije. 19-22 Jun. 2012. pp. 61-66. ISBN 978-86-7401-283-3 						kutija od talasastih lepenki, 18. Međunarodni netalurški fakultet Univerziteta u Beogradu, 2, pp. 61-66, ISBN 978-86-7401-283-3	
6.	Dedijer S simpoziju 22 Jun, 2	., Pavlo im iz ob 012, pp	vić Ž.: Ana lasti celuloz . 84-89, ISE	liza parametara kvalitata o e, papira, ambalaže i graf 3N 978-86-7401-283-3	otiska rotacione ike, Zlatibor: Te	e ofset štam ehnološko -	pe u zavisnosti od tiraža, 18. Međunarodni metalurški fakultet Univerziteta u Beogradu, 19-	
7.	Apro M., Symposiu Centar ce	Sadžak um in the	ov M., Pavl e field of pu -papirne, a	ović Ž., Dedijer S.: Karakt lp, paper, packaging and mbalažne i grafičke indust	terizacija ofset graphics, Zlatit rije Srbije, 21-2	štampe na r por: Tehnolo 24 Jun, 2010	recikliranim kartonima, 17. International ško-metalurški fakultet Univerziteta u Beogradu,), pp. 177-180, ISBN 978-86-7401-267-3	

5	TAS STUD		UNIVERSITY OF NO	VI SAD		WHKMX Ha			
A	ORL	FACULTY OF TECHNICAL SCI	ENCES 21000 NOVI	SAD, TRG DOS	ITEJA OBRADOVIĆA 6				
20000		Study F	Study Programme Accreditation						
.01	LANTER	UNDERGRADUATE ACADEMIC	ADUATE ACADEMIC STUDIES Graphic Engineering and Design						
Representative refferences (minimum 5, not more than 10)									
8.	 Pavlović Ž., Apro M., Dedijer S., Novaković D.: Opseg boja u rotacionoj heat-set ofset štampi u zavisnosti od sastava sredstva za vlaženje, 17. International Symposium in the field of pulp, paper, packaging and graphics, Zlatibor: Tehnološko-metalurški fakulte Univerziteta u Beogradu, Centar celulozno-papirne, ambalažne i grafičke industrije Srbije, 21-24 Jun, 2010, pp. 181-184, ISBN 978-86-7401-267-3 								
9.	Dedijer S., . and PE foil, Faculty of L	Apro M., Pavlović Ž., Cigula T., Obr 2. International Joint Conference o .ight Industry and Environmental En	enović B.: Influence on Environmental and gineering, 21-22 Nov	of ink solvent cor Light Industry Te embar, 2011, pp	ncentration on wetting of flex echnologies, Budimpešta: Re . 143-150, ISBN 978-615-50	o printing plate jtő Sándor 18-23-7			
10.	Gojo M., Pavlović Ž., Novaković D.: Analysing of the surface roughness of non printing elements on CtP thermal offset plate, 11. International design conference, Dubrovnik: Faculty of Graphic Arts, University of Zagreb, 17-20 Maj, 2010, pp. 1941-1946, ISBN 978-953-7738-08-2								
Su	mmary data fo	r teacher's scientific or art and profe	essional activity:						
Quot	tation total :		0						
Tota	l of SCI(SSCI)	list papers :	2						
Current projects :			Domestic :	1	International :	1			



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



Study Programme Accreditation

UNDERGRADUATE ACADEMIC STUDIES

Graphic Engineering and Design

Nam	Name and last name:					Prica Đ. Miljana				
Acad	emic title:					Assistant Professor				
Nam	e of the inst	itution v	where the te	acher works full tir	ne and	Faculty of Tee	chnical Scie	nces - Novi Sad		
starti	ng date:					15.11.1999		Desire		
Scier	ntific or art f	ieia:	Veer	la stitution		Graphic Engli	neering and	Design		
Acad	emic caries	er	Year	Institution		Field			-	
Academic life election. 2009 Faculty of Technical				ences - Novi Sa	ad	Graphic Engineering and Design	1			
Magister thesis 2003 Faculty of Sciences						wi Sad		Chemist Science		
Roch	ster thesis		2003	Faculty of Science		wi Sod		Chemist Science		
List		oing ho	1999 d by the to	Paculty of Science	lited at	idu programme		Chemist Science		
LISU		eing nei	u by the tea		inteu sit		:5			
	ID	Course	e name				Study pro	gramme name, study type		
1.	F103	Chemi	stry in Grap	bhic Engineering			(F00) Gran Academic	phic Engineering and Design, Uno Studies	dergraduate	
2.	F106	Graphi	c Materials				(F00) Gran	phic Engineering and Design, Uno Studies	dergraduate	
3.	F307	Printin	g Forms				(F00) Gran	phic Engineering and Design, Uno Studies	dergraduate	
4.	Z102	Tehnič	ka hemija(u	uneti naziv na engl	eskom)		(Z20) Envir Studies	ronmental Engineering, Undergra	duate Academic	
5.	F409	Graphi	c Environm	ient			(F00) Grap Studies	Fraphic Engineering and Design, Master Academic		
6.	Z507	Fizičko	o hemijski p	rincipi(uneti naziv r	na engl	eskom)	(Z20) Envir	ronmental Engineering, Master Ad	cademic Studies	
7.	FDS225	Graphi	c materials	-selected chapters			(F00) Grap Studies	phic Engineering and Design, Doo	ctoral Academic	
Rep	oresentative	reffere	nces (minim	num 5, not more th	an 10)					
1.	M. Prica, (AVS) an Vol. 389	B. Dalm d simult No. 2-3	acija, S. Ro aneously ex str 235-2	ončević, D. Krčmar xtracted metals (SE 44 JSSN 0048-969	^r and M EM) rati 97	. Bečelić: A co o in Vojvodina	mparison of (Serbia) sec	sediment quality results with acid diments, Science of The Total Env	volatile sulfide vironment, 2008,	
2.	Elvira S. Galvanic Health n	Karlovic Sludge	, Bozo D. D Immobilizat	almacija, Zagorka tion in Clay-based	S. Tarr Matrix a	nas, Miljana Dj. as an Environm n93-4529	Prica, Jonja nentally Safe	aua G. Ranogajec: Preliminary Ev e Process , Journal of Environmer	aluation of ntal Science and	
3.	Correlatio	on betwe nated Se	een the Res	sults of Sequential e Scientific World	Extract	ion and Effectiv	veness of Im N: 1537-744	nmobilization Treatment of Lead- a	and Cadmium-	
4.	M. Prica, oxidation 73 br. 6,	B.Dalm and the str. 1370	acija, M.Da correlation)-1377,	Imacija, J.Agbaba, with the immobiliz	D.Krcr ation p	nar, J.Trickovic otential, ECOT	, E.Karlovic OXICOLOG	. Changes in metal availability du Y AND ENVIRONMENTAL SAFE	ring sediment TY, (2010), vol.	
5.	Milica B. Tričković 214, 1-4,	Velimirc Charact 219-229	vić, Miljana erisation, A 9	ı Dj. Prica, Božo D. vailability, and Risł	. Dalma < Asses	icija, Srđan D. sment of the N	Rončević, M letals in Sec	lilena B. Dalmacija, Milena Dj. Be diment after Aging, Water Air Soil	čelić, Jelena S. Pollut., 2011,	
6.	Prica Milj remediati 1107.	ana, Da on of zir	Imacija Mile nc-contamir	ena, Dalmacija Bož nated sediment, JC	źo, Triči)URNA	ković Jelena, N L OF THE SER	laletić Sneža RBIAN CHEN	ana, The use of cardboard factory MICAL SOCIETY, (2012), vol. 77	v sludge in the br. 8, str. 1097-	
7.	Jelena M dose on t RESEAR	olnar, Ja he conte CH. (20	asmina Agb ent and stru 12), vol. 19	aba, Božo Dalmac icture of haloacetic br. 8. str. 3079-30	cija, Srđ ciacid pi 86.	an Rončević, N recursors in gro	/iljana Prica oundwater, I	a, Aleksandra Tubić. Influence of p ENVIRONMENTAL SCIENCE AN	H and ozone D POLLUTION	
8.	Kiurski J	, Đukić	M., Dalmac	cija, B. "Otpadne vo	ode iz š	tampariia u No	vom Sadu".	Procesna tehnika 1(19). 195-198	3 (2003)	
9.	Kiurski, J	., Prica, 4).	M. "Sadrža	ij volatilnih organsk	kih jedir	ijenja u radnoj	sredini grafi	čke industrije", Procesna tehnika	2-3(20), 166-	
10.	M.Prica, Chemistr	J,Kiursk v 2008	i, Fišl, J. Im Belgrade ir	mobilization of Prir	nting Pl	ant Wastewate	r and Conta	minated Sediment in Cement Ma	trix, Physical	
Sur	nmary data	for teac	her's scient	tific or art and profe	essiona	l activity:				
Quot	Quotation total : 35									
Total	of SCI(SS	CI) list p	apers :		10					
Current projects : Domestic : 3 International : 0						0				



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



Study Programme Accreditation

UNDERGRADUATE ACADEMIC STUDIES

Graphic Engineering and Design

Nam	Name and last name:				Radivojević D. Radoš			
Acad	emic title:				Full Professor	ſ		
Nam	e of the inst	itution w	here the te	acher works full time and	Faculty of Teo	chnical Scie	nces - Novi Sad	
starti	ng date:				01.09.1991			
Scier	ntific or art f	ield:	ſ		Sociology			
Acad	emic cariee	er	Year	Institution			Field	
Acad	emic title el	ection:	2001	Faculty of Technical Scie	ences - Novi Sa	ad	Sociology	
PhD	thesis		1990	Faculty of Philosophy - N	Novi Sad		Sociology	
Magi	ster thesis		1983	Faculty of Philosophy - E	Beograd		Sociology	
Bach	elor's thesis	6	1973	Faculty of Philosophy - E	Beograd		Sociology	
List c	of courses b	eing hel	d by the tea	acher in the accredited stu	idy programme	S		
ID Course name						Study pro	gramme name, study type	
1.	1. E106 Sociology of Technique					(E10) Pow Engineerin (MR0) Me Undergrad (SE0) Soft Undergrad (SEL) Soft	ver, Electronic and Telecommunication g, Undergraduate Academic Studies asurement and Control Engineering, uate Academic Studies tware Engineering and Information Technologies, uate Academic Studies tware Engineering and Information Technologies - pdergraduate Academic Studies	
2.	E251	251 Sociological Aspects of Technical Developmer				Loznica, Undergraduate Academic Studies (S00) Traffic and Transport Engineering, Undergraduate Academic Studies (S01) Postal Traffic and Telecommunications,		
3.	E251A	Sociological Aspects of Technical Develop			nent	(E20) Con Academic (ES0) Pov Academic	nputing and Control Engineering, Undergraduate Studies ver Software Engineering, Undergraduate Studies	
4.	F108	Sociolo	ogy of Cultu	ire		(F00) Gra Academic	phic Engineering and Design, Undergraduate Studies	
5.	GG02	Sociolo	ogy and Eco	onomics in Civil Engineeri	ng	(G00) Civi	I Engineering, Undergraduate Academic Studies	
6.	GG105	Sociolo	ogy of Work			(G00) Civi	l Engineering, Undergraduate Academic Studies	
7.	M318	Sociolo	ogy of Tech	nique		(F10) Eng Studies (GI0) Geo Studies (H00) Meo	ineering Animation, Undergraduate Academic desy and Geomatics, Undergraduate Academic chatronics, Undergraduate Academic Studies	
8.	Z310	Social	Ecology			(Z20) Envi Studies	ronmental Engineering, Undergraduate Academic	
9.	A206	Sociolo	ogy and Eco	onomy of the Built Environ	nent	(A00) Arch	nitecture, Undergraduate Academic Studies	
10.	ASO311	Sociolo	ogy of Art a	nd Culture		(AS0) Sce Undergrad	nic Architecture, Technique and Design, uate Academic Studies	
11.	ETI41	Sociolo	ogy of Tech	nique		(E02) Elect Profession	ctronics and Telecommunications, Undergraduate al Studies	
12.	IM1003	Sociolo	ogy of Work			(110) Indus Studies (120) Engin Studies	strial Engineering, Undergraduate Academic neering Management, Undergraduate Academic	
13.	A005S	Urban	sociology a	nd economics: selected c	hapters	(A00) Arch	nitecture, Specialised Academic Studies	
14.	ZRMI3A	Sociolo	ogical and L	egal Aspects of Occupati	onal Safety	(Z01) Safe	ety at Work, Master Academic Studies	
15.	A005	Urban	Sociology a	and Economics – Selected	d Chapters	(A00) Arch	nitecture, Doctoral Academic Studies	
Rep	oresentative	reffere	nces (minim	num 5, not more than 10)				
1.	Socioloai	ja nauke	e, Stylos. No	ovi Sad, 1997.				
2	Tehnika i	društvo	Fakultet te	hničkih nauka. Novi Sad	2003			
2.	Socialar:			at tobničkih pouko. Novi C	ad 2004			
J.	Sociologi	la nasel	a, i akullete	et termitekin nauka, NOVI S	au, 2004.			



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

Study Programme Accreditation

-	ZANTE	UNDERGRADUATE ACADEMIC S	STUDIES	Graphic	Engineering and Design	~				
Rep	presentative r	efferences (minimum 5, not more th	an 10)							
4.	Fakultet tel	nničkih nauka-Razvoj, delatnost, rez	zultati, Novi Sad, 2006	•						
5.	Karakterist	ke inženjersko ekonomskog prouča	avanja organizacije rac	la, Sociološki pre	gled br. 1-2, Beograd, 1984.					
6.	Socijalizam	i kao neproduktivni sistem, Sociološ	ski pregled br 1-2, Beo	grad, 1994.						
7.	. Karakteristike empirijskog proučavanja organizacije rada, Sociologija br 4, 1985.									
8.	Milićeva so	ciogija saznanja, Sociogija br 4, Be	ograd, 1997.							
9.	Socio-psyc 2006.	hological consequnences of the floo	od-an Example of Jasa	a Tomic, Editors:S	tevan Bruk&Tiosav Petkovic	, Belgrade,				
10.	Gordana V CONSEQU	uksanović, Radoš Radivojević, THE IENCES OF NATURAL DISASTER	ROLE OF CHILDREI	N IN INVESTIGAT	TING AND ELIMINATING TH	IE				
Sur	mmary data fo	or teacher's scientific or art and profe	essional activity:							
Quot	tation total :		0							
Tota	Total of SCI(SSCI) list papers : 3									
Curr	Current projects : Domestic : 2 International : 1									



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



Study Programme Accreditation

UNDERGRADUATE ACADEMIC STUDIES

Graphic Engineering and Design

Nam	Name and last name:				Rakarić Đ. Zvonko			
Acad	lemic title:				Assistant Pro	fessor		
Nam	e of the inst	titution v	vhere the te	acher works full time and	Faculty of Te	chnical Scie	nces - Novi Sad	
starti	ng date:				15.11.1999			
Scier	ntific or art f	ield:			Mechanics		-	
Acad	lemic caries	er	Year	Institution			Field	
Acad	lemic title e	lection:	2012				Mechanics	
PhD	thesis		2011	Faculty of Technical Sci	ences - Novi S	ad	Technical Mechanics	
Magi	ster thesis		2009	Faculty of Technical Sci	ences - Novi S	ad	Mechanics	
Bach	elor's thesis	S	1999	Faculty of Technical Sci	ences - Novi S	ad	Mechanics	
List o	of courses b	eing he	ld by the tea	acher in the accredited stu	udy programme	es		
	ID	Course	e name			Study pro	gramme name, study type	
1.	E104	Mecha	inics			(E10) Pow Engineerin (MR0) Me	ver, Electronic and Telecommunication g, Undergraduate Academic Studies asurement and Control Engineering,	
						Undergraduate Academic Studies		
2.	F107	Techn	ical Mechar	nics		(F00) Gra Academic	phic Engineering and Design, Undergraduate Studies	
3.	GG14	Mecha	nics 2			(G00) Civi	I Engineering, Undergraduate Academic Studies	
4.	IAKI01	Select	ed Chapters	s in Kinematics		(F10) Eng Studies	ineering Animation, Undergraduate Academic	
5.	M103	Mechanics 1				(M20)Mee Undergrad (M30)Ene Academic	chanization and Construction Engineering, uate Academic Studies ergy and Process Engineering, Undergraduate Studies	
						Undergrad	uate Academic Studies	
						Studies		
						(M20) Meo Undergrad	chanization and Construction Engineering, uate Academic Studies	
6	M107	Mecha	inics 2			(M30) Energy and Process Engineering, Undergraduate Academic Studies		
0.	in for					(M40) Tec Undergrad	chnical Mechanics and Technical Design, uate Academic Studies	
						(P00) Production Engineering, Undergraduate Academic Studies		
						(M20) Mee Undergrad	chanization and Construction Engineering, uate Academic Studies	
-	N1204	Markania 0				(M30) Energy and Process Engineering, Undergraduate Academic Studies		
1.	1012-01	INICCIID				(M40) Teo Undergrad	nnical Mechanics and Technical Design, uate Academic Studies	
						(P00)Proc Studies	duction Engineering, Undergraduate Academic	
						(M20) Meo Undergrad	chanization and Construction Engineering, uate Academic Studies	
8.	M2411	Theory	y of Oscillati	on		(M40) Tec Undergrad	chnical Mechanics and Technical Design, uate Academic Studies	
						(P00) Prod Studies	duction Engineering, Undergraduate Academic	
9.	M4301	Compu	uter Method	s in Mechanics		(M40) Tec Undergrad	chnical Mechanics and Technical Design, uate Academic Studies	
10.	M45021	Compu	uter Method	is in Mechanics 2		(M40) Tec Academic	chnical Mechanics and Technical Design, Master Studies	
Rep	oresentative	e reffere	nces (minim	num 5, not more than 10)				

SITAS STUD			UNIVERSITY OF NO	VI SAD		WAKNX H.					
AN A	NULL STOR	FACULTY OF TECHNICAL SCI	ENCES 21000 NOVI	SAD, TRG DOSIT	EJA OBRADOVIĆA 6	STATE -					
12		Study F	Programme A	ccreditatio	on	and the state					
9	LANTER	UNDERGRADUATE ACADEMIC S	STUDIES	Graphic	Engineering and Design	Ho					
Re	presentative r	efferences (minimum 5, not more th	an 10)								
1.	Rakarić Z., power resto	Kovačić I.: An elliptic averaging me pring force, in press, Communication	ethod for harmonically n in Non-linear Science	excited oscillators and Numerical S	s with a purely non-linear no Simulations, 2012, ISSN 10	on-negative real- 07-5704					
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., Dynamics,	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 Computers	L., Kovačić I., Rakarić Z.: Asympto	tic methods for vibratic	ons of the pure fra	ctional-order non-linear osc	cillators,					
5.	Kovačić I., Ritz metho	Rakarić Z.: Oscillators with a fraction d, Communication in Non-linear Scie	onal-order restoring for ence and Numerical S	ce: higher-order a mulations, 2010,	approximations for motion v Vol. 15, pp. 2651-2658, ISS	ia a modified SN 1007-5704					
6.	Kovačić I., Mathematic	Rakarić Z., Cvetićanin L.: A non-sir cs and Computation, 2010, Vol. 217	nultaneous variational , pp. 3944-3954, ISSN	approach for a ce 0096-3003	ertain class of non-linear os	cillators , Applied					
7.	Rakarić Z.:	Oscillators with a quasi-constant re	estoring force: approxi	mations for motio	n, Meccanica, 2010, ISSN	0025-6455					
8.	Rakarić Z., forced resp ISBN ISBN	Kovačić I.: Oscillators with a purely onse via elliptic functions and avera 978-88-906234-2	/ nonlinear non-negativ aging, 7. European Noi	ve real-power res nlinear Dynamics	toring force: approximations Conference - ENOC, Rim,	s for free and 24-29 Jul, 2011,					
9.	Rakarić Z., damping, 3 86-909973-	Kovačić I.: On the behaviour of for . International Congress of Serbian -3-6	ced oscillators with a r Society of Mechanics,	on-negative real- Vlasinsko jezero	power restoring force and v , 5-8 Jul, 2011, pp. 1284-12	an der Pol 96, ISBN 978-					
10.	Rakarić Z., Zuković M.: Iteration method solutions for oscillators with sign(x)Abs(x)^alfa elastic force, 2. International Congress of Serbian Society of Mechanics, Palić, 1-5 Jun, 2009, pp. 1-10, ISBN 978-86-7892-173-5, UDK: paper A14										
Su	mmary data fo	or teacher's scientific or art and profe	essional activity:								
Quo	tation total :		20								
Tota	I of SCI(SSCI)) list papers :	6			1					
Curr	ent projects :		Domestic :	1	International :	1					



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



Study Programme Accreditation

UNDERGRADUATE ACADEMIC STUDIES

Graphic Engineering and Design

Name and last name:					Sladić S. Goran				
Academic title:					Assistant Professor				
Name of the institution where the teacher works full time and					Faculty of Technical Sciences - Novi Sad				
starting date:					01.02.2004				
Scientific or art field:					Applied Comp	outer Scienc	ce and Informatics		
Academic carieer Year Institution							Field		
Acad	emic title el	ection:	2011	Faculty of Technical Science	ences - Novi Sa	ad	Applied Computer Science and Informatics		
PhD	thesis		2011	Faculty of Technical Science	ences - Novi Sa	ad	Computer Science		
Magi	ster thesis		2006	Faculty of Technical Sci	ences - Novi Sa	ad	Computer Science		
Bach	elor's thesis	S	2002	Faculty of Technical Sci	ences - Novi Sa	nces - Novi Sad Computer Science			
List c	of courses b	eing he	ld by the tea	acher in the accredited stu	idy programme	S			
	ID	Course	e name			Study programme name, study type			
						(E20) Con Academic	nputing and Control Engineering, Undergraduate Studies		
1	F239A	Weh P	Web Drogramming			(ES0) Pov Academic	ver Software Engineering, Undergraduate Studies		
	LLOUR	WebT	rogrammin	9		(MR0) Me Undergrad	asurement and Control Engineering, luate Academic Studies		
						(E10) Pow Engineerin	er, Electronic and Telecommunication g, Undergraduate Academic Studies		
		E-Business Systems Security				(E20) Computing and Control Engineering, Undergraduate Academic Studies			
	E2E41					(MR0) Measurement and Control Engineering, Undergraduate Academic Studies			
2.						(SE0) Software Engineering and Information Technologies, Undergraduate Academic Studies			
						(SEL) Software Engineering and Information Technologies - Loznica, Undergraduate Academic Studies			
		Distributed Artificial Intelligence and Intelligent Agents				(E20) Con Academic	nputing and Control Engineering, Undergraduate Studies		
	E2K41					(MR0) Measurement and Control Engineering, Undergraduate Academic Studies			
3.					ent Agents	(SE0) Software Engineering and Information Technologies, Undergraduate Academic Studies			
						(SEL) Software Engineering and Information Technologies Loznica, Undergraduate Academic Studies			
4.	EOS36	Elektronsko poslovanje i ugovaranje				(E01) Power Engineering - Renewble Sources of Electrical Energy, Undergraduate Professional Studies			
_	5504	WEB Design				(F00) Gra Academic	phic Engineering and Design, Undergraduate Studies		
э.	FOUT					(F10) Engineering Animation, Undergraduate Ad Studies			
6.	ISIT10	Introdu	uction to So	ftware Development		(SII) Softw Undergrad	II) Software and Information Technologies (Inđija), dergraduate Professional Studies		
7.	ISIT20	Object	-oriented P	rogramming Platforms		(SII) Softw Undergrad	 Software and Information Technologies (Indija), dergraduate Professional Studies 		
8.	ISIT2A	Softwa	are Develop	ment Techniques		(SII) Softw Undergrad	vare and Information Technologies (Inđija), luate Professional Studies		
	050000	01.				(SE0) Software Engineering and Information Technologies, Undergraduate Academic Studies			
9.	SE0006	Object oriented programming 1				(SEL) Software Engineering and Information Technologies - Loznica, Undergraduate Academic Studies			
10	050010	0				(SE0) Sof Undergrad	tware Engineering and Information Technologies, uate Academic Studies		
10. SE0014		Computer organisation			(SEL) Software Engineering and Information Loznica, Undergraduate Academic Studies		tware Engineering and Information Technologies - Indergraduate Academic Studies		

ASITAS STUDIO

UNIVERSITY OF NOVI SAD

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



Study Programme Accreditation

UNDERGRADUATE ACADEMIC STUDIES

Graphic Engineering and Desig

(80)	ANTE	UNDERGRADUATE ACADEMIC STUDIES	Graphic Engineering and Design				
List of courses being held by the teacher in the accredited study programmes							
	ID	Course name	Study programme name, study type				
			(P00) Production Engineering, Undergraduate Academic Studies				
11.	11. SE0017	Software Development Metrodologies	(SE0) Software Engineering and Information Technologies Undergraduate Academic Studies				
			(SEL) Software Engineering and Information Technologies - Loznica, Undergraduate Academic Studies				
12	SE0024	Software Construction and Testing	(SE0) Software Engineering and Information Technologies, Undergraduate Academic Studies				
	020021		(SEL) Software Engineering and Information Technologies - Loznica, Undergraduate Academic Studies				
13	SFS103	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	F2501	Electronic Payment Systems	(E20) Computing and Control Engineering, Master Academic Studies				
14.	L2001		(SE0) Software Engineering and Information Technologies, Master Academic Studies				
15	FP007	Document and content management	(I20) Engineering Management, Specialised Professional Studies				
10.	21 001		(IB0) Engineering Management - MBA, Specialised Professional Studies				
		Software Standardization and Quality	(E20) Computing and Control Engineering, Master Academic Studies				
16	F2522		(MR0) Measurement and Control Engineering, Master Academic Studies				
10.	LEGEE		(SE0) Software Engineering and Information Technologies, Master Academic Studies				
			(E10) Power, Electronic and Telecommunication Engineering, Master Academic Studies				
17.	SEM009	Identity Management	(SE0) Software Engineering and Information Technologies, Master Academic Studies				
18.	SEM013	E-government technologies	(SE0) Software Engineering and Information Technologies, Master Academic Studies				
19.	SEM017	Information Security	(SE0) Software Engineering and Information Technologies, Master Academic Studies				
20.	DRNI03	Selected Topics in Internet-Based Systems	(E20) Computing and Control Engineering, Doctoral Academic Studies				
21		Selected Tonics in Electronic Business	(E20) Computing and Control Engineering, Doctoral Academic Studies				
21.	DIVINITO		(OM1) Mathematics in Engineering, Doctoral Academic Studies				
22.	DRNI19	Selected Topics in Information Security	(E20) Computing and Control Engineering, Doctoral Academic Studies				
Rep	oresentative	refferences (minimum 5, not more than 10)					
1.	1. Sladić G., Milosavljević B., Surla D., Konjović Z.: Flexible Access Control Framework for MARC Records, The Electronic Library, 2012, Vol. 30, No 5, pp. 623-652, ISSN 0264-0473, DOI:10.1108/02640471211275684						
2.	 Gostojić S., Sladić G., Milosavljević B., Konjović Z.: Context-sensitive Access Control Model for Government Services, Journal of Organizational Computing and Electronic Commerce, 2012, Vol. 22, No 2, pp. 184-213, ISSN 1091-9392, DOI:10.1080/10919392.2012.667717 						
3.	Sladić G., Milosavljević B., Konjović Z., Vidaković M.: Access Control Framework for XML Document Collections, Computer Science and Information Systems (ComSIS), 2011, Vol. 8, No 3, pp. 591-609, ISSN 1820-0214, DOI: 10.2298/CSIS100827002S						

Vidaković M., Milosavljević B., Konjović Z., Sladić G.: Extensible Java EE-Based Agent Framework and Its Application on Distributed Library Catalogues, Computer Science and Information Systems (ComSIS), 2009, Vol. 6, No 2, pp. 1-28, ISSN 1820-

Sladić G., Milosavljević B., Konjović Z.: Extensible Access Control Model for XML Document Collections, 1. International

Sladić G.: Kontrola pristupa u poslovnim sistemima, Beograd, Zadužbina Andrejević, 2011, ISBN 978-86-525-0000-0

Sladić G.: Kontrola pristupa XML dokumentima, Zadužbina Andrejević, 2008, ISBN 978-86-7244-683-8

Conference on Security and Cryptology - SECRYPT, Barcelona: INSTICC, 28-31 Jul, 2007, pp. 373-380, ISBN 9789898111128

0214, DOI: 10.2298/csis0902001V

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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)							
8.	Vidaković M., Sladić G., Komazec S.: Sistemi za upravljanje elektronskim sadržajima i njihova primena u e-upravi, InfoM, Časopis za informacionu tehnologiju i multimedijalne sisteme, 2006, No 20, pp. 36-41, ISSN 1451-4397						
9.	Sladić G., Milosavljević B., Konjović Z.: Kontrola pristupa XML dokumentima, Info-M, 2005, Vol. 4, No 15-16, pp. 53-59						
10.	Milosavljević B., Komazec S., Sladić G.: Open source sistemi za upravljanje dokumentima u e-upravi, Info-M, 2006, Vol. 5, No 20, pp. 25-35						
Summary data for teacher's scientific or art and professional activity:							
Quo	tation total :	54					
Tota	I of SCI(SSCI) list papers :	4					
Curr	ent projects :	Domestic :	2	International :	0		



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



Study Programme Accreditation

UNDERGRADUATE ACADEMIC STUDIES

Graphic Engineering and Design

Name and last name:					Slankamenac P. Miloš				
Academic title:					Assistant Professor				
Name of the institution where the teacher works full time and Fac					Faculty of Te	Faculty of Technical Sciences - Novi Sad			
starting date: 01.0					01.02.2002	.02.2002			
Scientific or art field:					Electronics				
Academic carieer Year Institution							Field		
Academic title election: 2011 Faculty of Technical Scie					iences - Novi S	ad	Electronics		
PhD	thesis		2010	Faculty of Technical Sc	iences - Novi S	ad			
Mag	ister thesis		2004	Faculty of Technical Sc	iences - Novi S	nces - Novi Sad Electronics			
Bach	elor's thesis	S	2001	Faculty of Technical Sc	iences - Novi S	ad	Electronics		
List o	of courses b	eing he	d by the tea	acher in the accredited st	udy programme	es I			
	ID	Course	e name			Study programme name, study type			
1.	EM414	Optoel	ectronics			(E10) Pow Engineerin	er, Electronic and Telecommunication g, Undergraduate Academic Studies		
2.	F207	Electro	onics and O	ptoelectronics		(F00) Gra Academic	phic Engineering and Design, Undergraduate Studies		
3.	EM430A	Contro	l and proce	ss electronics		(E10) Pow Engineerin	er, Electronic and Telecommunication g, Undergraduate Academic Studies		
4.	EM444B	Applie	d electronic	S		(E10) Pow Engineerin	er, Electronic and Telecommunication Ig, Undergraduate Academic Studies		
5.	EM455	Electro	onic multime	edia systems		(E10) Pow Engineerin	(E10) Power, Electronic and Telecommunication Engineering, Undergraduate Academic Studies		
6.	EM456	Computers in the supervisory and control sy			systems	(E10) Power, Electronic and Telecommunication Engineering, Undergraduate Academic Studies			
7.	ETI02	Electronics and Telecommunication Develo			opment Tools	(E02) Electronics and Telecommunications, Undergraduate Professional Studies			
8.	ETI09	Electronics				(E02) Elect Profession	ctronics and Telecommunications, Undergraduate al Studies		
9.	ETI14	Digital Electronics				(E02) Elect Profession	ctronics and Telecommunications, Undergraduate al Studies		
10.	ETI22	Sensors and Actuators				(E02) Elect Profession	ctronics and Telecommunications, Undergraduate al Studies		
11.	ETI28	Industrial Electronics				(E02) Electronics and Telecommunications, Undergraduate Professional Studies			
12.	ETI38	Optoelectronics for communication and ser			nsors	(E02) Electronics and Telecommunications, Undergraduate Professional Studies			
13.	DE201S	Selected Chapters in Optoelectronics and I			Photonics	(E11) Power, Electronic and Telecommunication Engineering, Specialised Academic Studies			
14.	DE503S	Industrial Electronics				(E11) Pow Engineerin	ver, Electronic and Telecommunication Ig, Specialised Academic Studies		
15.	SI013	Applied electronics in industry				(E00) Power, Electronic and Telecommunication Engineering, Specialised Professional Studies			
16.	SI035	Electronic Systems in Oil Industry				(E00) Power, Electronic and Telecommunication Engineering, Specialised Professional Studies			
17.	SI042	Optoelectronics components				(E00) Power, Electronic and Telecommunication Engineering, Specialised Professional Studies			
18.	BMIM1A	Applications of lasers in medicine				(BM0) Biomedical Engineering, Master Academic Studies			
19.	DE117S	Selected chapters from optoelectronics sen		nsors systems	(E11) Power, Electronic and Telecommunication Engineering, Specialised Academic Studies				
20.	DE315S	Optoelectronics sensors systems-advanced			d course	(E11) Power, Electronic and Telecommunication Engineering, Specialised Academic Studies			
21.	DE418S	Design of complex optoelectronics systems			S	(E11) Power, Electronic and Telecommunication Engineering, Specialised Academic Studies			
22.	EM435A	Electronic Systems in Oil Industry				(E10) Pow Engineerin	Yower, Electronic and Telecommunication ering, Master Academic Studies		
23.	EM437A	The application of electronic systems in clear renewable energy			an and	(E10) Pow Engineerin	er, Electronic and Telecommunication g, Master Academic Studies		

ASTAS STUDIO

List

UNIVERSITY OF NOVI SAD

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



Study Programme Accreditation

UNDERGRADUATE ACADEMIC STUDIES

of courses	being held by	/ the teache	in the accredited	l study programmes

	ID	Course name		Study programme name, study type				
24.	EM439A	Electronics in veichles		(E10) Power, Electronic and Telecommunication Engineering, Master Academic Studies				
25.	EM520	Industrial networks and protocols		(E10) Power, Electronic and Telecommunication Engineering, Master Academic Studies				
26.	EM521	Applied optoelectronics		(E10) Power, Electronic and Telecommunication Engineering, Master Academic Studies				
27.	EM523	Applied electronics in industry		(E10) Power, Ele Engineering, Ma	ectronic and Telecommunica ster Academic Studies	tion		
28.	EM532	Design of electronic devices.		(E10) Power, Ele Engineering, Ma	ectronic and Telecommunica ster Academic Studies	tion		
29.	F510E1	Electronic multimedia systems		(F00) Graphic E Studies	ngineering and Design, Mas	ter Academic		
30.	DE201	Selected Chapters in Optoelectronic	s and Photonics	(E10) Power, Electronic and Telecommunication Engineering, Doctoral Academic Studies				
31.	DE400	Complex Digital Systems and High F	Frequency Circuits	(E10) Power, El Engineering, Do	ectronic and Telecommunica ctoral Academic Studies	ation		
32.	DE503	Industrial Electronics		(E10) Power, El Engineering, Do	(E10) Power, Electronic and Telecommunication Engineering, Doctoral Academic Studies			
				(M40) Technical Mechanics, Doctoral Academic Studies				
33.	DE117	Selected chapters from optoelectron	ics sensors systems	(E10) Power, El Engineering, Do	ectronic and Telecommunica ctoral Academic Studies	ation		
34.	DE315	Optoelectronics sensors systems-ad	vanced course	(E10) Power, El Engineering, Do	ectronic and Telecommunica ctoral Academic Studies	ation		
35.	DE418	Design of complex optoelectronics s	ystems	(E10) Power, El Engineering, Do	ectronic and Telecommunica ctoral Academic Studies	ation		
Representative refferences (minimum 5, not more than 10)								
1.	1. Miloš P. Slankamenac, Miloš B. Živanov, Nikola Stojanović "Optoelektronske komponente -skripta", Fakultet tehničkih nauka u Novom Sadu, 281 str., 2010.							
2.	2. Miloš Slankamenac, Kalman Babković, Ivan Mezei: Mikrokontroler 8051/8052 - praktikum laboratorijskih vežbi, Fakultet tehničkih nauka u Novom Sadu, Edicija: Tehničke nauke – udžbenici, 115 str. ISBN: 978-86-7892-045-5, Novi Sad, 2007.							
3.	3. Miloš B. Živanov, Miloš P. Slankamenac, Optoelektronika, praktikum za laboratorijske vežbe, Fakultet tehničkih nauka u Novom Sadu, Edicija: Univerzitetski udžbenik, 110 str. ISBN: 978-86-7892-085-1, UDK: 621.38:535(075.8)(076), Novi Sad, 2008.							
4.	 Slankamenac M., Lukić-Petrović S., Živanov M., Čajko K.: Electrical switching behavior of bulk Cux(AsSe1.4l0.2)100-x glasses: Composition dependence and topological effects, SOLID STATE COMMUN, 2012, Vol. 152, No 13, pp. 1160-1163, ISSN 0038-1098 							
5.	5. Bajić J., Stupar D., Manojlović L., Slankamenac M., Živanov M.: A simple, low-cost, high-sensitivity fiber-optic tilt sensor, Sensors and Actuators A: Physical, 2012, Vol. 185, pp. 33-38, ISSN 0924-4247							
6.	5. Stupar D., Bajić J., Manojlović L., Slankamenac M., Joža A., Živanov M.: A Wearable Low-Cost System for Human Joint Movements Monitoring Based on Fiber-Optic Curvature Sensor, IEEE Sensors Journal, 2012, ISSN 10.1109/JSEN.2007.90							
7.	7. Manojlović L., Živanov M., Slankamenac M., Bajić J., Stupar D.: High-speed and high-sensitivity displacement measurement with phase-locked low-coherence interferometry, APPL OPTICS, 2012, Vol. 51, pp. 4333-4342							
8.	Lukić-Petrović S., Skuban F., Petrović D., Slankamenac M.: Effect of copper on DC and AC conductivity of (As2Se3)(AsI3) glassy semiconductors, Journal of Non-Crystalline Solids, 2010, Vol. 40, No 10, pp. 108-112, UDK: doi:10.1016/j.jnoncrysol.2010.05.009							
9.	9. Slankamenac M., Lukić-Petrović S., Živanov M.: Electrical switching in the bulk metal chalcogenide glassy semiconductor Cu10(AsSe1.4I0.2)90, Semicond. Sci. Technol., 2009, Vol. 24, No 8, pp. 1-7, ISSN 0268-1242, UDK: 10.1088/0268-							
10.	10. Bajić J., Stupar D., Joža A., Slankamenac M., Jelić M., Živanov M.: A simple fiber optic inclination sensor based on the refraction of light, Physica scripta, 2012, Vol. 149, pp. 1-4, ISSN 0031-8949, UDK: doi:10.1088/0031-8949/2012/T149/014024							
Summary data for teacher's scientific or art and professional activity:								
Quot	ation total :		26					
Tota	of SCI(SS	CI) list papers :	18					
Curre	ent projects	:	Domestic :	3	International :	2		


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



Study Programme Accreditation

UNDERGRADUATE ACADEMIC STUDIES

Graphic Engineering and Design

Name and last name:					Šafranj F. Jelisaveta			
Acad	lemic title:				Assistant Professor			
Name of the institution where the teacher works full time and			Faculty of Teo	chnical Scie	nces - Novi Sad			
starting date:			15.10.2000					
Scie	ntific or art f	ield:			English	English		
Acad	lemic cariee	er	Year	Institution			Field	
Acad	lemic title e	lection:	2009	Faculty of Technical Sci	ences - Novi Sa	ad	English	
PhD	thesis		2008	Faculty of Philology - Be	eograd		English	
Magi	ster thesis		2000	Faculty of Philology - Be	eograd		English	
Educ Thes	ation Speci	alist	1994	Faculty of Philology - Be	eograd		English	
Bach	elor's thesis	S	1982	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	- Elementary		(A00) Arcl	hitecture, Undergraduate Academic Studies	
2.	AEJ2L	Englis	h Language	intermediate		(A00) Arcl	hitecture, Undergraduate Academic Studies	
3.	AEJ2Z	Englis	h intermedia	ate		(A00) Arcl	hitecture, Undergraduate Academic Studies	
4.	AEJ3Z	Englis	h Language	- upper intermediate		(A00) Architecture, Undergraduate Academic Studies		
5.	EJ01L	English Language – Elementary				(G00) Civi (M20) Mer Undergrad (M30) Ene Academic (M40) Tec Undergrad (P00) Pro- Studies (S00) Traf Academic (S01) Pos Undergrad	il Engineering, Undergraduate Academic Studies 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 ffic and Transport Engineering, Undergraduate Studies tal Traffic and Telecommunications, luate Academic Studies	
6.	EJ01Z	1Z English Language - Elementary				(E10) Pow Engineerin (F00) Gra Academic (MR0) Me Undergrad (Z01) Safe (Z00) Cle Academic (ZP0) Disa Undergrad (Z20) Envi Studies	ver, Electronic and Telecommunication Ig, Undergraduate Academic Studies phic Engineering and Design, Undergraduate Studies assurement and Control Engineering, luate Academic Studies ety at Work, Undergraduate Academic Studies an Energy Technologies, Undergraduate Studies aster Risk Management and Fire Safety, luate Academic Studies ronmental Engineering, Undergraduate Academic	

FACULTY OF TEC

UNIVERSITY OF NOVI SAD

ANTAS STUDIO

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



Study Programme Accreditation

Graphic Engineering and Design

UNDERGRADUATE ACADEMIC STUDIES 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	English Language – Pre-Intermediate	(MR0) Measurement and Control Engineering, Undergraduate Academic Studies	
		5 5 5	(Z01) Safety at Work, Undergraduate Academic Studies	
			(ZC0) Clean Energy Technologies, Undergraduate Academic Studies	
			(ZP0) Disaster Risk Management and Fire Safety, Undergraduate Academic Studies	
			(Z20) Environmental Engineering, Undergraduate Academic Studies	
			(I10) Industrial Engineering, Undergraduate Academic Studies	
0	E 1027	English Language Dro Intermediate	(I20) Engineering Management, Undergraduate Academic Studies	
0.	EJUZZ	English Language – Fre-Internetiate	(S00) Traffic and Transport Engineering, Undergraduate Academic Studies	
			(S01) Postal Traffic and Telecommunications, Undergraduate Academic Studies	
			(F00) Graphic Engineering and Design, Undergraduate Academic Studies	
	EJ03Z	English Language - Intermediate	(MR0) Measurement and Control Engineering, Undergraduate Academic Studies	
9.			(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	

SITAS STUDE

UNIVERSITY OF NOVI SAD

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



Study Programme Accreditation

UNDERGRADUATE ACADEMIC STUDIES List of courses being held by the teacher in the accredited study programmes Graphic Engineering and Design

	ID	Course name	Study programme name, study type	
			(E20) Computing and Control Engineering, Undergraduate	
			(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	
	14. EJ3L		(E20) Computing and Control Engineering, Undergraduate Academic Studies	
		English Language – Advanced	(F10) Engineering Animation, Undergraduate Academic Studies	
14.			(GI0) Geodesy and Geomatics, Undergraduate Academic Studies	
			(SE0) Software Engineering and Information Technologies, Undergraduate Academic Studies	
			(SEL) Software Engineering and Information Technologies - Loznica, Undergraduate Academic Studies	
15.	EJE5	English Language – First Certificat 1	(E10) Power, Electronic and Telecommunication Engineering, Undergraduate Academic Studies	
16.	EJE6	English Language - First Certificate 2	(E10) Power, Electronic and Telecommunication Engineering, Undergraduate Academic Studies	
17.	EJEI	English Language for Engineers	(H00) Mechatronics, Undergraduate Academic Studies	
18.	EJEI1	English in Engineering 1	(E10) Power, Electronic and Telecommunication Engineering, Undergraduate Academic Studies	
19.	EJEI2	English in Engineering 2	(E10) Power, Electronic and Telecommunication Engineering, Undergraduate Academic Studies	
20.	EJF5	English Language for GRID 1	(F00) Graphic Engineering and Design, Undergraduate Academic Studies	
21.	EJF6	English Language for GRID 2	(F00) Graphic Engineering and Design, Undergraduate Academic Studies	
22.	EJGR	English Language – ESP Course	(G00) Civil Engineering, Undergraduate Academic Studies	
			(M20) Mechanization and Construction Engineering, Undergraduate Academic Studies	
22		English Language - ESP Course	(M30) Energy and Process Engineering, Undergraduate Academic Studies	
23.	EJIVI	Lingiish Language - Lor Odulse	(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	FISIT	English Language in Traffic and Transport	(S00) Traffic and Transport Engineering, Undergraduate	

Academic Studies

EJSIT

English Language in Traffic and Transport

25.

SITAS STUD

UNIVERSITY OF NOVI SAD

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



Study Programme Accreditation

UNDERGRADUATE ACADEMIC STUDIES

Graphic Engineering and Design

of courses b	eina held bv	the teacher in	the accredited	study programmes

List	List of courses being held by the teacher in the accredited study programmes						
	ID	Course name	Study programme name, study type				
26.	EJZ	English Language - Specialized	(Z20) Environmental Engineering, Undergraduate Academic Studies				
27.	F320	English Language – ESP Course 1	(F00) Graphic Engineering and Design, Undergraduate Academic Studies				
28.	F321	English Language – ESP Course 2	(F00) Graphic Engineering and Design, Undergraduate Academic Studies				
29.	ISIT01	English Language 1	(SII) Software and Information Technologies (Inđija), Undergraduate Professional Studies				
30.	ASI381	English language 1	(AS0) Scenic Architecture, Technique and Design, Undergraduate Academic Studies				
31.	ASI431	English Language 2	(AS0) Scenic Architecture, Technique and Design, Undergraduate Academic Studies				
32.	BMI80	English 1	(BM0) Biomedical Engineering, Undergraduate Academic Studies				
33.	BMI81	English 2	(BM0) Biomedical Engineering, Undergraduate Academic Studies				
34	EIIIM	English for Specific Purposes	(I10) Industrial Engineering, Undergraduate Academic Studies				
54.	LJIIVI		(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				
		English Language - Elementary	(ES0) Power Software Engineering, Undergraduate Academic Studies				
			(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				
Re	presentative	e refferences (minimum 5, not more than 10)					



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Study Programme Accreditation

UNDERGRADUATE ACADEMIC STUDIES

Graphic Engineering and Design



Re	Representative refferences (minimum 5, not more than 10)						
1.	Analiza diskursa udžbenika engleskog jezika, Monografija, Zadužbina Andrejević, Beograd 2006.						
2.	Retorička organizacija poslovne vesti, Monografija, Zadužbina Andrejević, Beograd 2009.						
3.	Engleski jezik za GRID 3 - Academic Writing for Graphic Engineering and Design, FTN Izdavaštvo, Novi Sad 2012.						
4.	Using Internet in English Language Teaching, NEW EDUCATIONAL REVIEW, (2011), vol. 26 br. 4, str. 45-59.						
5.	Reflections of English Language Teachers Concerning Computer Assisted Language Learning (Call), NEW EDUCATIONAL REVIEW, (2011), vol. 23 br. 1, str. 269-282.						
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 analiza lida poslovne vesti, Zbornik Matice Srpske za filologiju i lingvistiku, 2011, 1, str.191-210.						
9.	Some Aspects of Technical Statements in Power Engineering, Zbornik radova, XI Međunarodni simpozijum Energetska elektronika Ee 2001, str.150-153.						
10.	0. Genre Analysis of Research Abstract of an Engineering Scientific Paper, In Proceedings of English Language and Literature Studies: Interfaces and Integrations, 10-12 December 2004, Faculty of Philology, Belgrade, pp.365-374.						
Su	Summary data for teacher's scientific or art and professional activity:						
Quot	Quotation total : 0						
Tota	of SCI(SSCI) list papers : 20						
Curr	nt projects : 0 International : 1						



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



Study Programme Accreditation

UNDERGRADUATE ACADEMIC STUDIES

Graphic Engineering and Design

Name and last name: Ševo B. E						Ševo B. Bošk	0			
Acad	emic title:					Full Professor				
Name of the institution where the teacher works full time and				Academy of Arts - Novi Sad						
starting date:				01.08.1988						
Scier	ntific or art f	ield:				Graphic Desig	gn			
Acad	emic cariee	er	Year	Institution				Field		
Acad	emic title e	ection:	2003	Academy of Arts	- Novi	Sad		Grap	bhic Design	
Bach	elor's thesis	S	1974	Faculty of Applied	d Arts -	Beograd		Grap	hic Design	
Magi	ster thesis		-					Grap	hic Design	
PhD	thesis		-					Grap	bhic Design	
List c	of courses b	eing he	ld by the tea	acher in the accred	ited stu	udy programme	s			
	ID	Course	e name				Study pro	gramr	ne name, study type	
1.	F230	Desigr	n of Graphic	Products			(F00) Gran Academic	phic E Studie	ngineering and Design, Uno	lergraduate
2.	F302I1	Graph	ic Commun	ication			(F00) Gran Academic	phic E Studie	ngineering and Design, Uno	dergraduate
Rep	oresentative	reffere	nces (minin	num 5, not more tha	an 10)					
1.	BOŠKO Srpske, s	ŠEVO, S a B. Dol	Samostalna banovačkim	izložba " GRAFIČk 1)Novi Sad, 27. ma	KI DIZA nj - 6. ju	AJN" Galerija sa uni 1975.	avremene lik	covne	umetnosti (u prostoru Gale	erije Matice
2.	BOŠKO	ŠEVO. S	Samostalna	izložba "ILUSTRA	CIJA I	TV ANIMACIJ	A" UPIDIV N	lovi Sa	ad. 1827. septembar 1981	
	BOŠKO	ŠEVO. S	Samostalna	izložba "GRAFIČK		JN" Galerija sa	avremene lik	ovne	umetnosti (SPC Voivodina) Novi Sad. 30.
3.	septemba	ar - 10. 0	oktobar 199					44.14		
4.	štampars	sevo, s tva Beo	grad, 223	1. oktobar 1992.	I DIZA	JN" Na "GRAS	-u" u okviru	14. M	edunarodnog sajma grafick	e industrije i
5.	BOŠKO \$ 2004	ŠEVO, S	Samostalna	izložba "EKOLOŠł	KI PLA	KAT" Na Novo	sadskom sa	ajmu "I	Priroda i čovek" Novi Sad 1	-10. Oktobar
6.	BOŠKO S Ogranka Novemba	ŠEVO, S Srpske ar 2011;	Samostalna akademije i Kulturni ce	izložba "SAVE AS nauka i umetnosti u ntar "Laza Kostić", ;	s" / SAC I Novo Sombo	ČUVAJ IZLOŽE om Sadu, Novi : or 4. septembar	BA EKOLOŠ Sad 1-14. S -2. oktobar	ŠKOG Septer 2012.	I ANGAŽOVANOG PLAKA nbar 2011. Narodni muzej 2	ATA Galerija Zrenjanin, 3 -25.
7.	BOŠKO poznatih 7. novem	ŠEVO, S i nepozr bar 201	Samostalna natih autora 2.	izložba "IZREKE S na bazi tipografski	SU UK ih reše	RAS GOVORA nja Kulturni cer	." grafičko ob ntar Novog S	blikova Sada,	anje narodnih poslovica i mu Klub "Tribina mladih" Novi S	udrih izreka Sad, 24.oktobar -
8.	Boško Še Ukraine	evo; THE	E 8. INTERI	NATIONAL TRIEN	NIAL O	F ECOLOGICA	AL POSTER	t "The	4th Block" April 27th, 2012,	Kharkov,
9.	Boško Še Novembe	evo; 8T⊦ er 9, 201	l TRNAVA 2 – Februa	POSTER TRIENNI ry 3, 2013, Slovaki	AL 201 a	12				
10.	 Boško Ševo; Radovi prezentovani na međunarodnim web galerijama: Rene Wanner Poster Page WEB POSTER EXHIBITION-Posters about the earthquake in Japan 11.march. 2011.; WATER IS LIFE The Future We Want: Drop by Drop Internet 1. decembar 2011- 1. mart 2012.;- Gallery - social posterINTERNATIONAL PLATFORM FOR POSTERS WITH SOCIAL CONTENT Leipzig, GERMANY www.plakat-sozial.de (radovi na međunarodnim web galerijama) 					EXHIBITION- ernet 1. CIAL CONTENT				
Sur	nmary data	for teac	her's scient	tific or art and profe	essiona	al activity:				
Quot	ation total :				0					
Total	of SCI(SS	CI) list p	apers :		0					
Current projects : Domestic :					estic :	0		International :	0	



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



Study Programme Accreditation

UNDERGRADUATE ACADEMIC STUDIES

Graphic Engineering and Design

Nam	Name and last name: Vasić V. Vera					an			
Acad	Academic title: Full Professor						r		
Name of the institution where the teacher works full time and Faculty of Tech						chnical Sciences - Novi Sad			
starting date: 01.04.1995									
Scier	ntific or art f	ield:			Power Electro	onics, Machi	ines and Facilities		
Acad	lemic cariee	er	Year	Institution			Field		
Acad	lemic title el	ection:	2011				Power Electronics, Machines and Facilities		
PhD	thesis		2001	School of Electrical Engi	ineering - Beog	irad	Power Electronics, Machines and Facilities		
Magi	ster thesis		1996	School of Electrical Engi	ineering - Beog	irad	Power Electronics, Machines and Facilities		
Bach	elor's thesis	5	1994	Faculty of Technical Sci	ences - Novi Sa	ad	Power Electronics, Machines and Facilities		
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		
						(MR0) Me Undergrad	asurement and Control Engineering, luate Academic Studies		
1.	E133	Power	Converters			(ZC0) Clea Academic	an Energy Technologies, Undergraduate Studies		
						(E10) Pow Engineerin	er, Electronic and Telecommunication g, Undergraduate Academic Studies		
2.	EE304	Electri	c Machines	1		(E10) Pow Engineerin	er, Electronic and Telecommunication g, Undergraduate Academic Studies		
2	EE207	Flootri	o Maabinaa	2		(MR0) Me Undergrad	asurement and Control Engineering, luate Academic Studies		
5.	EE307	Electri	c machines	2		(E10) Power, Electronic and Telecommunication Engineering, Undergraduate Academic Studies			
4.	EE401	Electric Machines 3				(E10) Power, Electronic and Telecommunication Engineering, Undergraduate Academic Studies			
5	FE520	Design of Electrical Machines and Convertors			ers	(E10) Pow Engineerin	er, Electronic and Telecommunication g, Master Academic Studies		
0.		2 0 0.g.				(E10) Power, Electronic and Telecommunication Engineering, Undergraduate Academic Studies			
6.	EOS18	Indust	rial Protoco	ls and Network		(E01) Power Engineering - Renewble Sources of Electrical Energy, Undergraduate Professional Studies			
7.	F203	Electri	cal Machine	2S		(F00) Gra Academic	phic Engineering and Design, Undergraduate Studies		
8.	H351	Electri	cal Machine	es		(H00) Med	chatronics, Undergraduate Academic Studies		
9.	EE424A	Power	Electronic	in Drive and Industry		(E10) Pow Engineerin	er, Electronic and Telecommunication g, Undergraduate Academic Studies		
10.	DE210S	Select	ed topics in	electrical machines		(E11) Pow Engineerin	ver, Electronic and Telecommunication g, Specialised Academic Studies		
11	FE520	Design	of Flectric	al Machines and Converte	ers	(E10) Pow Engineerin	er, Electronic and Telecommunication g, Master Academic Studies		
	020	Looigi				(E10) Pow Engineerin	er, Electronic and Telecommunication g, Undergraduate Academic Studies		
12.	DE210	Select	ed Chapters	s in Electric Machinery		(E10) Pow Engineerin	ver, Electronic and Telecommunication g, Doctoral Academic Studies		
13.	DOM28	Modeli	ng and Sim	ulation of Driving System	s	(M00) Me	chanical Engineering, Doctoral Academic Studies		
Rep	oresentative	reffere	nces (minim	num 5, not more than 10)					
1.	Dumnić B., Katić V., Vasić V., Milićević D., Delimar M.: An Improved MRAS Based Sensorless Vector Control Method for Wind Power Generator" Journal of Applied Research and Technology – JART, October 2012, Center for Applied Sciences and Technological Development, National Autonomous University of Mexico (UNAM), ISSN: 1665-6423, [Online]. Available: http://www.jart.ccadet.unam.mx/volumen10_5.htm								
2.	Kulić F., I Advances	Matić D. s in Elec	, Dumnić B strical and C	., Vasić V.: Optimal fuzzy Computer Engineering, 20	controller tune 11, Vol. 11, No	d by TV-PS 1, pp. 49-54	O for induction motor speed control, Journal of 4, ISSN 1582-7445		
3.	Vasić V., Time Cor	Marčeti Istant Id	ć D., Jeften entification	ić B., Vladan J.: Speed-S , IET ELECTR POWER A	Sensorless Con PP, 2010, Vol.	trol of Induc 4, No 6, ISS	tion Motor Based on Reactive Power with Rotor		
4.	Vasić V., journal fo	Marčeti r compu	ć D., Oros I Itation and	D.: Prediction of Local Instantiation of	stabilities in Opengineering, 20	en-loop Indu 10, Vol. 29,	uction Motor Drives, COMPEL - The international , No 3, ISSN 0332-1649		

WIAS STUR			UNIVERSITY OF NO	VI SAD		WHKNX A			
A A	NUL SIOR	FACULTY OF TECHNICAL SCIENCES 21000 NOVI SAD, TRG DOSITEJA OBRADOVIĆA 6							
D. N		Study F	Study Programme Accreditation						
.01	LANTER	UNDERGRADUATE ACADEMIC	STUDIES	Graphic	Engineering and Design	HO			
Rep	presentative r	efferences (minimum 5, not more th	an 10)						
5.	Oros Đ., Va Journal of A	asić V., Marčetić D., Kulić F.: Influer Advances in Electrical and Compute	nce of parameters deters deters rengineering, 2010, \	uning on inductior /ol. 10, No 4, pp.	n motor NFO shaft-sensorles 121-124, ISSN 1582-7445	ss scheme,			
6.	Oros Đ., Va Power Com	asić V., Marčetić D.: NFO sensorles nponents&Systems, 2008,Vol.36.Nc	s induction motor driv 0.12,pp.1318-1336.	e with on-line stat	tor resistance parameter upo	date, Electric			
7.	Reljić D., V Journal of A	asić V., Ostojić D., Dumnić B.: A C Advances in Electrical and Compute	omparision of PI Curre r Engineering, 2006, \	ent Controllers in I /ol. 6, No 2, pp. 4	Field Oriented Induction Mot 6-51, ISSN 1582-7445	or Drive,			
8.	V. Vasić, S drives", IEE	. Vukosavić, E. Levi, "A stator resist E Transaction on Energy conversio	ance estimation scher n, vol. 18 no.4, pp. 47	ne for speed sens 6-483, december	sorless rotor flux oriented ind 2003.	duction motor			
9.	V. Vasić, S Estimation"	. Vukosavić, "Sensorless MRAS Ba , European Transactions on Electric	sed Induction Motor C cal Power – ETEP, Vo	ontrol with Parale l. 12 no.2 pp. 135	lle Speed And Stator Resist -139. March/April 2002.	ance			
10.	0. V. Vasić, S. Vukosavić, "Robust MRAS based algorithm for stator resistance and rotor speed identification", IEEE Power Engineering Review, vol. 21 no.11, November 2001.								
Sur	Summary data for teacher's scientific or art and professional activity:								
Quot	ation total :		73						
Tota	of SCI(SSCI)) list papers :	9						
Curre	Current projects : Domestic : 3 International : 1								



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



Study Programme Accreditation

UNDERGRADUATE ACADEMIC STUDIES

Graphic Engineering and Design

Name and last name: Vidaković P.					. Milan			
Acad	lemic title:				Associate Pro	ofessor		
Name of the institution where the teacher works full time and Faculty of					Faculty of Te	echnical Sciences - Novi Sad		
starti	ng date:				20.01.1998			
Scientific or art field: Applied					Applied Com	ed Computer Science and Informatics		
Acad	lemic cariee	er	Year	Institution		Field		
Acad	lemic title el	ection:	2009	Faculty of Technical Sci	ences - Novi S	ad	Applied Computer Science and Informatics	
PhD	thesis		2003	Faculty of Technical Science	ences - Novi S	ad	Applied Computer Science and Informatics	
Magi	ster thesis		1998	Faculty of Technical Sci	ences - Novi S	ad	Applied Computer Science and Informatics	
Bach	elor's thesis	S	1995	Faculty of Technical Sci	ences - Novi S	ad	Applied Computer Science and Informatics	
List c	of courses b	eing he	d by the tea	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.	E239A	Web P	rogrammin	q		(ES0) Pov Academic	ver Software Engineering, Undergraduate Studies	
			0	5		(MR0) Me Undergrad	asurement and Control Engineering, luate Academic Studies	
						(E10) Pow Engineerin	er, Electronic and Telecommunication g, Undergraduate Academic Studies	
						(E20) Con Academic	nputing and Control Engineering, Undergraduate Studies	
0	501/14	Distrik					(MR0) Measurement and Control Engineering, Undergraduate Academic Studies	
2.	E2K41	Distributed Artificial Intelligence and Intelligent Agents			ent Agents	(SE0) Software Engineering and Information Technologies, Undergraduate Academic Studies		
						(SEL) Sofi Loznica, U	tware Engineering and Information Technologies - ndergraduate Academic Studies	
						(F00) Gra Academic	phic Engineering and Design, Undergraduate Studies	
3.	F501	WEBL	Design			(F10) Eng Studies	ineering Animation, Undergraduate Academic	
4.	Gl211	Geoinf	ormatics			(GI0) Geo Studies	desy and Geomatics, Undergraduate Academic	
5.	GI111	Inform	ation techno	ologies in geodesy		(GI0) Geo Studies	desy and Geomatics, Undergraduate Academic	
	050000					(SE0) Sof Undergrad	tware Engineering and Information Technologies, luate Academic Studies	
6.	SE0006	Object	oriented pr	ogramming 1		(SEL) Sof Loznica, U	tware Engineering and Information Technologies - Indergraduate Academic Studies	
						(P00) Proo Studies	duction Engineering, Undergraduate Academic	
7.	SE239A	Web p	Web programming			(SE0) Sof Undergrad	tware Engineering and Information Technologies, luate Academic Studies	
						(SEL) Sofi Loznica, U	tware Engineering and Information Technologies - Indergraduate Academic Studies	
8	E2501	Flectro		nt Systems		(E20) Con Academic	nputing and Control Engineering, Master Studies	
υ.	L2301					(SE0) Sof Master Aca	tware Engineering and Information Technologies, ademic Studies	
۵	ED007	Docum	ent and co	ntent management		(I20) Engi Studies	neering Management, Specialised Professional	
J.	∟-007	Doculi		ment management		(IB0) Engineering Management - MBA, Specialised Professional Studies		
10.	AD0008	Web d	esign in Arc	chitecture		(AD0) Dig Architectur	ital Techniques, Design and Production in re and Urban Planning, Master Academic Studies	
11.	DRNI03	Selected Topics in 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

Graphic Engineering and Design

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

		0 ,	<u>, , , , , , , , , , , , , , , , , , , </u>						
	ID	Course name		Study program	me name, study type				
12.	DRNI05	Selected Topics in Software Standar	rdization and Quality	(E20) Computin Academic Studie	g and Control Engineering, I es	Doctoral			
		-	-	(F20) Engineeri	ng Animation, Doctoral Acac	lemic Studies			
13.	FDS152 Selected Topics in Computer Graphics (F00) Graphic Engineering and Design, Doctoral Academic Studies								
14	(E20) Computing and Control Engineering, Doctoral Academic Studies								
14.	DA0014	Selected ropics in computing		(OM1) Mathematics in Engineering, Doctoral Academic Studies					
45				(E20) Computin Academic Studie	g and Control Engineering, I	Doctoral			
15.	DRNI16	Selected Topics in Electronic Busine	ess	(OM1) Mathema Studies	atics in Engineering, Doctora	I Academic			
16.	DRNI18	Selected Topics in Distributed/Mobile	e computing	(E20) Computin Academic Studie	g and Control Engineering, I	Doctoral			
		·		(F20) Engineeri	ng Animation, Doctoral Acac	lemic Studies			
Rep	oresentative	refferences (minimum 5, not more th	an 10)						
1.	Vidakovid Internatio	5, M., Milosavljević, B., "Internationalis nal Unicode Conference, Orlando, US	ation of the BISIS Lib SA, September 7-9, 20	rary Information S	ystem", Proceedings of the 2	28th			
2.	Vidakovid Conferen	5, M., Sladić, G., Zarić, M., "Metadata ce on Software Engineering and Appl	Harvesting Using Age ications (SEA 2004), (nt Technology", P Cambridge, USA,	Proceedings of the 8th IASTE November 9-11, 2004., pp.	D International 489-493			
3.	Vidakovio časopis z	M., Sladić G., Komazec S., "Sistemi a informacione tehnologije i multimed	za upravljanje elektroi ijalne sisteme, 2006.,	nskim sadržajima pp. 36-41, ISSN 1	i njihova promena u eUprav I451-4397	i", Info M:			
4.	Vidaković System E Republic	5, M., Zubić, T., Milosavljević, B., Pupo SISIS", Proceedings of the Internationa of Macedonia, June 1-6, 2004., pp. 65	ovac, B., Tošić, T., "Pr al Conference on Distr 5-91.	ocessing Bibliogra	aphic Documents in the Libra rmation Systems, Ohrid, For	ary Inforation rmer Yugoslav			
5.	Vidakovid 7th IAST 5, 2003.	5, M., Sladić, G., Konjović, Z., "Securit ED International Conference on Softw .pp. 128-133.	y Management In J2E are Engineering and A	E Based Intelliger Applications (SEA	nt Agent Framework", Proce 2003), Marina Del Rey, US/	edings of the A, November 3-			
6.	Milosavlje EJB-base	ević B., Vidaković M., Komazec S. and ed Data Models", In Software Enginee	d Milosavljević G., "Us ring Research and Pra	er Interface Code actice, Las Vegas	Generation for Data-Intensi , NV, USA, 2003.	ve Systems with			
7.	Vidakovid on Softwa	, M., Konjović, Z., "EJB Based Intellig are Engineering and Applications (SE	ent Agents Framewor A 2002), Cambridge, I	k", Proceedings o JSA, November 4	f the 6th IASTED Internation -6, 2002., pp. 343-348.	al Conference			
8.	Vidakovid	M., "Agentska okruženja", Zadužbir	na Andrejević. Beogra	d, 2007, ISBN: 9-	788672-446210				
9.	Milosavlje	ević B., Vidaković M., Java i Internet p	rogramiranje, FTN izd	avaštvo, 2007., IS	SBN 978-86-7892-047-9				
10.	Okanović Kopaonik	D., Vidaković M., "Upotreba JMX mle 2007.	et servisa za ažuriranje	e verzija aplikacija	", Zbornik radova YuInfo 200	07 (CD),			
Sun	nmary data	for teacher's scientific or art and profe	essional activity:						
Quot	ation total :		119						
Total	of SCI(SS	CI) list papers :	7						
Curre	ent projects		Domestic :	1	International :	0			



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



Study Programme Accreditation

UNDERGRADUATE ACADEMIC STUDIES

Graphic Engineering and Design

Name and last name: Vučir					Vučinić-Vasić	/učinić-Vasić T. Milica		
Acad	lemic title:				Assistant Professor			
Name of the institution where the teacher works full time and			Faculty of Technical Sciences - Novi Sad					
starting date:			15.04.2000					
Scientific or art field:					Physics			
Acad	lemic cariee	er	Year	Institution			Field	
Acad	lemic title el	lection:	2007	Faculty of Technical Sci	ences - Novi S	ad	Physics	
PhD	thesis		2007	Faculty of Sciences - No	ovi Sad		Physics	
Magi	ster thesis		2000	Faculty of Sciences - No	ovi Sad		Physics	
Bach	elor's thesis	S	1996	Faculty of Sciences - No	ovi Sad		Physics	
List c	of courses b	eing he	ld by the te	acher in the accredited stu	udy programme	s		
	ID	Course	e name			Study pro	ogramme name, study type	
1.	F102	Physic	S			(F00) Gra Academic	phic Engineering and Design, Undergraduate Studies	
2.	GG06	Civil E	ngineering	Physics		(G00) Civi	il Engineering, Undergraduate Academic Studies	
2	S014	Physic				(S00) Trat Academic	ffic and Transport Engineering, Undergraduate Studies	
5.	5014	TTYSIC	.5			(S01) Pos Undergrad	tal Traffic and Telecommunications, luate Academic Studies	
						(E11) Pow Engineerin	ver, Electronic and Telecommunication g, Specialised Academic Studies	
						(I12) Indu	strial Engineering, Specialised Academic Studies	
4.	DZ01FS	Select	Selected Chapters in Physics			(I22) Engineering Management, Specialised Academic Studies		
						(Z00) Environmental Engineering, Specialised Academic Studies		
						(E10) Power, Electronic and Telecommunication Engineering, Doctoral Academic Studies		
						(E20) Con Academic	nputing and Control Engineering, Doctoral Studies	
						(F00) Gra Studies	phic Engineering and Design, Doctoral Academic	
						(G00) Civil Engineering, Doctoral Academic Studies		
						(GI0) Geodesy and Geomatics, Doctoral Academic Studies		
						(H00) Mea	chatronics, Doctoral Academic Studies	
5.	DZ01F	Select	ed Chapter	s in Physics		(I20) Indu Doctoral A	strial Engineering / Engineering Management, cademic Studies	
						(M00) Mechanical Engineering, Doctoral Academic Studies		
						(M40) Technical Mechanics, Doctoral Academic Studies		
						(OM1) Ma Studies	thematics in Engineering, Doctoral Academic	
						(S00) Traf	ffic Engineering, Doctoral Academic Studies	
						(Z00) Env Studies	ironmental Engineering, Doctoral Academic	
						(Z01) Safe	ety at Work, Doctoral Academic Studies	
Rep	oresentative	e reffere	nces (minin	num 5, not more than 10)				
1.	Milica Vu	činić-Va	isić, Divko (Ćirić, Tatjana Škrbić, Mirol	ljub Đurić, Zbirł	ka zadataka	iz fizike, FTN Izdavaštvo, Novi Sad 2005.	
2.	Ljuba Bu automatik	dinski-P ku, S PF	etković, Mil RINT, Novi S	ica Vučinić, Dušan Ilić, Pr Sad, 2003	aktikum ekspei	rimentalnih	vežbi iz fizike – odsek za računarstvo i	
3.	Ljuba Bu za grafičk	dinski-P ko inžen	etković, Mil jerstvo – od	ica Vučinić-Vasić, Dušan lsek za mehatroniku. Delt	llić, Praktikum a press. Novi S	eksperimen ad. 2003.	talnih vežbi iz fizike – odsek za mašinstvo – odsek	
4.	Za graficko inzenjerstvo – odsek za menatroniku, Delta press, Novi Sad, 2003. Vučinić-Vasić M.: Exchange-Bias and Grain-Surface Relaxations in Nanostructured NiO/Ni Induced by a Particle Size Reduction, Iournal of Physical Chamistry C, 2012, Vol. 116, pp. 4356, 4364, ISSN 1032, 7447.					Nanostructu N 1932-744	red NiO/Ni Induced by a Particle Size Reduction,	

SITAS STUD UNIVERSITY OF NOVI SAD FACULTY OF TECHNICAL SCIENCES 21000 NOVI SAD, TRG DOSITEJA OBRADOVIĆA 6 Study Programme Accreditation UNDERGRADUATE ACADEMIC STUDIES Graphic Engineering and Design Representative refferences (minimum 5, not more than 10) Vučinić-Vasić M., Mihailović A., Kozmidis-Luburić U., Nemeš T., Ninkov J., Zeremski T., Antić B.: Metal contamination of short-5 term snow cover near urban crossroads: Correlation analysis of metal content and fine particles didtribution, Chemosphere, 2012, Vol. 6, No 86, pp. 585-592 Kremenović A., Jančar B., Ristić M., Vučinić-Vasić M., Rogan J., Pacevski A., Antić B.: Exchange-Bias and Grain-Surface 6 Relaxations in Nanostructured NiO/Ni Induced by a Particle Size Reduction, Journal of Physical Chemistry C, 2012, Vol. 116, pp. 4356-4364, ISSN 1932-7447 Antić B., Kremenović A., Vučinić-Vasić M., Dohcević-Mitrović Z., Nikoloć A., Gruden-Pavlović M., Jančar B., Meden A.: 7 Composition related properties of (Yb,Y)(2)O-3 nanoparticles synthesized by controlled thermal degradation of AA complexes, Materials chemistry and physics, 2010, Vol. 122, No 2-3, pp. 386-391, ISSN 0254-0584 Antić B., Rogan J., Kremenović A., Nikoloć A., Vučinić-Vasić M., Božanić D., Goya G., Colomban P.: Optimization of 8 photoluminescence of Y2O3:Eu and Gd2O3:Eu phosphors synthesized by thermolysis of 2,4-pentanedione complexes, NANOTECHNOLOGY, 2010, Vol. 21, No 24, pp. 2457-2457, ISSN 0957-4484 Jović N., Vučinić-Vasić M., Kremenović A., Antić B., Jovalekić Č., Vulić P., Kahlenberg V., Kaindl R.: HEBM synthesis of 9 nanocrystalline LiZn0.5Ti1.5O4 spinel and thermally induced order-disorder phase transition (P4332-Fd3m), Materials chemistry and physics, 2009, No 2-3, pp. 542-549, ISSN 0254-0584 Vučinić-Vasić M., Antić B., Blanuša J., Rakić S., Kremenović A., Nikolić A., Kapor A.: Formation of nanosize Li-ferrites from 10. acetylacetonato complexes and their crystal structure, microstructure and order-disorder phase transition, Applied Physics A, 2006, Vol. 82, No 1, pp. 49-54, ISSN 0947-8396 Summary data for teacher's scientific or art and professional activity: Quotation total 53 Total of SCI(SSCI) list papers : 17 Domestic : 2 International : Current projects 1



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

Study Programme Accreditation

Graphic Engineering and Design



Standard 10. Organizational and Material Resources

UNDERGRADUATE ACADEMIC STUDIES

To perform the study programme, the adequate human, spatial, technical and technological, library and other resources suitable to the study programme features and predicted students' number are provided. Classes on the study programme Graphic Engineering and Design are held in such a manner so the minimum of 2 m2 of space is provided per student.

Lectures are held in amphitheatres, classrooms, and specialized laboratories. The laboratory of the Department for Graphic Engineering and Design is, regarding the available equipment, the most modern laboratory in our country and in the region. The Department has the most contemporary literature published by the leading institutions in this field in the world. The Department is a member of the prestigious world institution for standardization FORGA. The library has an adequate number of reference units relevant for teaching at the study programme Graphic Engineering and Design. All courses at the study programme in Graphic Engineering and Design use appropriate literature, devices and supplementary equipment available on time and in a sufficient number for normal performance of the teaching process. Thereby, the adequate information technology is also available for performing the study programme.

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



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

State State

UNDERGRADUATE ACADEMIC STUDIES Graphic En

Graphic Engineering and Design

Standard 11. Quality Control

Estimation of the study programme quality is elaborated regularly and systematically via self-evaluation and external quality control. One should place an emphasis on the multi-decade practice of students' surveys.

The quality control process is conducted through:

-end of the term students survey for each course

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

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

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

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

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





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



Graphic Engineering and Design

Study Programme Accreditation

UNDERGRADUATE ACADEMIC STUDIES

Standard 12. Distance Education

Distance learning is not provided for.