

UNIVERSITY OF NIŠ

Course Unit Descrip	otor	Faculty	Faculty of Med	chanical Engineerin	g
GENERAL INFORMATION					
Study Program	Engineeri	ng Management			
Study Module (if applicable)	Transport a	nd logistics manager	nent		
Course Title	Discret (logi	stic's) simulation			
Level of Study	□Bachelor	⊠ Ma:	ster's	☐ Doctoral	
Type of Course	☐ Obligator	y ⊠ Eleo	tive		
Semester	☐ Autumn	⊠ Spr	ing		
Year of Study	I				
Number of ECTS Allocated	6				
Name of Lecturer/Lecturers	Miomir LJ. Jo	ovanović			
Teaching Mode	☑ Lectures☑ Laborator☑ Distance I	ry work 🗵 Proj	up tutorials ect work ded learning	☐ Individual tutor ☑ Seminar ☐ Other	rials
Purpose and Overview (max. 5 sen					
ntroduction to the Theoretical and The Acquisition of knowledge and E		•	•		ortation technology.
Syllabus (brief outline and summa	ry of topics, r	max. 10 sentences)			
General of simulations: Real system imulation, principles and application andom variables. Statistics relations assessment tests and distribution heory and Queuing theory. Discrete Excel). The simulation systems. Overalization: Modeling with AutoModestablishment and verification of the first the results of simulations.	on areas. The ons. Discrete Method of ete event sime erview of sime discrete. Page 2015	creation of a simula random variables. Monte Carlo simula rulation. The analysi rulation software (An procedures of the sim	ntion model. The Distributions tions. Empiricals of the simulation, AutoModinalistican analysi	ne study of the rea of random size. If and theoretical of ation examples of Enterpise Dynami s. Formulating goo	I system. Modeling of Random generators. distribution. Servicing continuous transport cs, Witness). Practical als and objectives. The
Language of Instruction					
⊠ Serbian (complete course)	⊠ Engl	ish (complete course	e) 🗆 Ot	her	_(complete course)
☐ Serbian with English mentoring	□ Serb	ian with other ment	oring		
Assessment Methods and Criteria					

Pre exam Duties	Points	Final Exam	Points
Activity During Lectures	5	Written Examination	(Three Colloquiums) 60
Practical Teaching	5	Final (oral) Examination	Max. 30
Three (3) teaching Colloquia (projects)	60	Overall Sum	100