

UNIVERSITY OF NIŠ

Course Unit Descriptor		Faculty	y	Faculty c	aculty of Mechanical Engineering		
GENERAL INFORMATION		4					
Study Program	Engineering Management						
Study Module (if applicable)	-						
Course Title	Modern Technical Systems						
Level of Study	⊠Bachelor		🗆 Mas	ter's	🗆 Do	octoral	
Type of Course	🛛 Obligato	ry	🗆 Elec	tive			
Semester	🛛 Autumn		🗆 Spri	ng			
Year of Study	11						
Number of ECTS Allocated	8						
Name of Lecturer/Lecturers	Dragoljub B. Lazarević, Nenad T. Pavlović, Mića V. Vukić, Dragoslav B. Janošević						
Teaching Mode	 ☑ Lectures ☑ Laborato ☑ Distance 	ory work	🛛 Proje	p tutoria ect work ded learn	🛛 Ser		als
Purpose and Overview (max. 5 se	ntences)						
To gain the knowledge referring to and transport and logistics. The ability to perform the analysis of engineering, mechatronics, energet Syllabus (brief outline and summa	and basic calc tics and transp	ulation of the port and logis	element: tics.		-	-	-
Characteristics of modern produc machining, deep drawing and non- controlled machine tools. Introduction in mechatronics. Comp mechanisms: position and velocity Introduction to thermal and hydro Introduction to kinds of transporta and hydraulic transportation m transportation technical system mo	ction technic conventional conents of me analysis of fou power plants tion. Non-con achines. Inte	al systems. 1 machining. C echatronic sys ur-bar linkages . Internal com tinuous and c	Technical Controllin Stems. Me s. Ibustion e continuou	g and exe easuring t engines. D us transpo	ecutive parts echnique in r District heatin ortation macl	s of technical s mechatronics. ng plants. Pum hines, mobile i	systems. Numerically Kinematics of p stations. machines, pneumatic
Language of Instruction							
Serbian (complete course)	🗆 Eng	glish (complet	e course)	□ Other	(complete course)
Serbian with English mentoring	□Serb	ian with othe	er mentoi	ing			
Assessment Methods and Criteria	a						

Pre exam Duties	Points	Final Exam	Points			
Activity During Lectures	0	Written Examination	0			
Practical Teaching	0	Oral Examination	40			
Teaching Colloquia	60	Overall Sum	100			
*Final examination mark is formed in accordance with the Institutional documents						