

UNIVERSITY OF NIŠ

Course Unit Descrip	otor	Facult	y	Faculty of Med	chanical Engineering in Nis	
GENERAL INFORMATION						
Study Program	Mechanical Engineering					
Study Module (if applicable)	-					
Course Title	Integration and interoperability					
Level of Study	Bachelor		☐ Master's		x Doctoral	
Type of Course	☐ Obligatory		⊠ Elective			
Semester	☐ Autumn		⊠ Spring			
Year of Study	I					
Number of ECTS Allocated	10					
Name of Lecturer/Lecturers	Miroslav D. Trajanovic					
Teaching Mode	☑ Lectures☑ Laborato☑ Distance		x Projec	p tutorials it work ded learning	☐ Individual tutorials x Seminar ☐ Other	
Purpose and Overview (max. 5 ser		nt mathada	Jogiaally	founded reco	parch in the field of quaterns integration	
and interoperability.	е шаерепае	ni, meinodo	nogically	Tourided rese	earch in the field of systems integration	
Syllabus (brief outline and summa	ry of topics,	max. 10 sent	ences)			
DoDAF (DoD Architecture Fra Architectures and frameworks IDEAS interoperability frame Language), INTEROP NoE int Semantic interoperability	ectures: Zac mework), ISO for enterprise work, ATHE eroperability ystems inter Computing in ubiquitou	hman frame O 15704, EN se interoper ENA interop framework operability: s computing	ework, T N/ISO I94 rability: L perability Softwar	139, IEEE 147 ISI (Levels of framework, e agents, Or	f Information Systems Interoperability), EUML (Enterprise Unified Modeling ntology interoperability, Model Driven	
Language of Instruction						
⊠Serbian (complete course)	⊠ Engl	ish (complet	e course) 🗆 Ot	her(complete course)	
☐ Serbian with English mentoring	□Serbi	ian with othe	er mento	ring		
Assessment Methods and Criteria	1					

Written Examination	
Oral Examination	30
Overall Sum	100
	Oral Examination

^{*}Final examination mark is formed in accordance with the Institutional documents