

UNIVERSITY OF NIŠ

Course Unit Descrip	otor	Faculty	Faculty of Med	chanical Engineerin	g 	
GENERAL INFORMATION						
Study Program	Manufacturing & Information Technologies					
Study Module (if applicable)	-					
Course Title	Integrated Information Systems					
Level of Study	☐ Bachelor	⊠ Ma	ster's	☐ Doctoral		
Type of Course	☐ Obligator	y ⊠ Ele	ctive			
Semester	⊠ Autumn	☐ Spr	ing			
Year of Study	1					
Number of ECTS Allocated	6					
Name of Lecturer/Lecturers	Dragan Mišić	2				
Teaching Mode	□ Lectures	☐ Gro	up tutorials	☐ Individual tutor	rials	
	∠ Laborator ∠ Lab	ry work 🗵 Proj	ect work	⊠ Seminar		
	☐ Distance I	earning 🗆 Bler	ided learning	☐ Other		
Purpose and Overview (max. 5 sen	itences)					
Complete understanding of benefits information systems and process or integrated business information sys tools learned.	ganization of	enterprises. Students	are able to dev	elop high-level arch	nitecture of an	
Syllabus (brief outline and summa	ry of topics, r	max. 10 sentences)				
) Products and business processes upport for a process-organized enterthologies and approaches for in ynchronous and asynchronous intendeterminist business logic, transantegration of information systems ystems, workflow management synanagement, communication between	terprise 4) Bu stegration of I eractions, dat ction comper and future ch stems standa	siness information so business information a mapping and datansation, Hub-and-Spo allenges: cloud com ards, workflow refere	ystems and bus a systems: XML transformation oke, Enterprise ! puting, internet ence model 8) S	siness operations to language, service-os, interoperability, Service Bus 6) Mod t of things 7) Workl	echnologies 5) oriented architecture, deterministic and lern technologies for flow management	
Language of Instruction						
⊠Serbian (complete course)	□ Engli	sh (complete course) □ Otl	her	(complete course)	
☐ Serbian with English mentoring	☐ Serbian with other mentoring					
Assessment Methods and Criteria						

Points	Final Exam	Points
10	Written Examination	30
30	Oral Examination	
30	Overall Sum	100
	10	30 Oral Examination

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