

UNIVERSITY OF NIŠ

Course Unit Descriptor		Faculty	Faculty of Med	culty of Mechanical Engineering		
GENERAL INFORMATION		<u>"</u>				
Study Program	Mechanical Constructions, Development and Engineering					
Study Module (if applicable)	-					
Course Title	Virtual Product Development					
Level of Study	□Bachelor	🛛 Mas	🖾 Master's 🛛 Doctoral			
Type of Course	⊠ Obligator	y 🗌 Elect	Elective			
Semester	🗆 Autumn	⊠Sprin	⊠Spring			
Year of Study	I					
Number of ECTS Allocated	6					
Name of Lecturer/Lecturers	Banić S. Milan, Mijajlović M. Miroslav					
Teaching Mode	LecturesLaboratoDistance	ry work 🛛 Proje	o tutorials ct work ded learning	 Individual tutorials Seminar Other 		
Purpose and Overview (max. 5 ser	ntences)	-	-			
To enable the students to independently perform product development by usage of virtual product development methods and tools.						
Syllabus (brief outline and summary of topics, max. 10 sentences)						
in Product Development. Simulation	ement.Team V M/PDD). Integ on in Product Virtual Valida	Work in Product Deve gration of CAx Tools ir Development. Optimi tion.Virtual and Augn	lopment. Chai n Product Devo isation in Prod nented Reality	acteristics-Properties Modelling / elopment Process. Information Sharing uct Development. Digital mock-up . Rapid Prototyping and Rapid Tooling.		
Language of Instruction						
Serbian (complete course)						
□Serbian with English mentoring □Serbian with other mentoring						
Assessment Methods and Criteria						
Pre exam Duties	Points	Final Exam	Points			
Activity During Lectures		Written Examinatio	on 20	20		

Practical Teaching	45	Oral Examination	30		
Teaching Colloquia	-	Overall Sum	100		
*Final examination mark is formed in accordance with the Institutional documents					