

UNIVERSITY OF NIŠ

Course Unit Descriptor Faculty

Faculty of Mechanical Engineering

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GENERAL INFORMATION				
Study Program	Mechanical Engineering			
Study Module (if applicable)	-			
Course Title	Selected Topics in Welded Structures			
Level of Study	☐ Bachelor	☐ Maste	r's ⊠ [Doctoral
Type of Course	☐ Obligator	y 🗵 Electiv	re	
Semester	⊠ Autumn	☐ Spring	7	
Year of Study	II			
Number of ECTS Allocated	10			
Name of Lecturer/Lecturers	Dragan S. Milčić, Miroslav M. Mijajlović, Boban R. Anđelković			
Teaching Mode	⊠ Lectures	☐ Group	tutorials 🗆 Ir	ndividual tutorials
	☐ Laborator	ry work 🛮 🖾 Project	work 🗵 S	eminar
	☐ Distance I	earning 🗆 Blende	d learning 🔲 C	ther
Purpose and Overview (max. 5 ser	ntences)			
		-	-	nable the students to independently hnologies in function of dissertation
Syllabus (brief outline and summa	ry of topics, r	nax. 10 sentences)		
structures. Stress range. The fatig distribution. The notch influence, structures primarily intended for	gue strength o 3) Behaviour o static load, g ures, 7) Desig	of welded joints. The i of welded structures lo 5) Behaviour of dynar in of pressure vessels,	nfluence on the solution on the solution of th	pads. Stress analysis in real welded strength of the welded join. Stress ent load types, 4) Design of welded elded structures, 6) Calculation of ded structures made of aluminium or non-destructive testing.
Language of Instruction				
⊠Serbian (complete course)	☐ Engli	sh (complete course)	\square Other $_$	(complete course)
☐ Serbian with English mentoring	☐ Serbian with other mentoring			
Assessment Methods and Criteria				
Pre exam Duties	Points	Final Exam	Points	
Activity During Lectures	o	Written Examination	50	
Practical Teaching	o	Oral Examination	50	
Teaching Colloquia	o	Overall Sum	100	
*Final examination mark is formed in accordance with the Institutional documents				