

UNIVERSITY OF NIŠ

Course Unit Descriptor		Faculty	F	aculty of Med	culty of Mechanical Engineering		
GENERAL INFORMATION							
Study Program	Mechanical Engineering						
Study Module (if applicable)	-						
Course Title	Compressors and Fans						
Level of Study	Bachelor 🗆 Master's 🗆 Doctoral						
Type of Course	Obligatory Elective						
Semester	Autumn						
Year of Study	111						
Number of ECTS Allocated	6						
Name of Lecturer/Lecturers	Saša Milanović, Jasmina B. Bogdanović-Jovanović						
Teaching Mode	⊠ Lectures		□ Group	tutorials	Individual tutorials		
	\Box Laboratory work		🛛 Project work		🛛 Seminar		
	□ Distance	learning	Blend	ed learning	□ Other		
Purpose and Overview (max. 5 sentences)							
. .	eir work in th	e system. Stud	lents are t	trained to mal	tive performances, operating ke a proper selection of the compressor parameters and to define the required		
Syllabus (brief outline and summa	ary of topics,	max. 10 sente	nces)				
specific work of compressors, 4) E regulation. 6) Centrifugal compre	perties of gas fficiency of co ssors, flow ch stics and basi	es and chang ompressors. 5 naracteristics o ics of calculati	es of gas) Piston c of the cor on. 8) Op	conditions in compressors, mpressor eler	the compressor. 3) Pressure rise and		
Language of Instruction							
Serbian (complete course)							
□Serbian with English mentoring □Serbian with other mentoring							
Assessment Methods and Criteria							
Pre exam Duties	Point	s Final Exam		Points			

Activity During Lectures	5	Written Examination	Max 40, depending on Teaching Colloquia			
Practical Teaching	5	Oral Examination	50			
Teaching Colloquia	40	Overall Sum	100			
*Final examination mark is formed in accordance with the Institutional documents						