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ACADEMIC STUDIES CURRICULUM

INDUSTRIAL MANAGEMENT

MASTER ACADEMIC STUDIES (300 ECTS)

CURRICULUM

Seme-ster	Course status	No.	Courses	Active learning				OFW	ECTS
				L	E	IR	OFW		
IX	COMPULSORY (C)	1.	Methodology of scientific research	2			2		5
		2.	Operational research	2	2				5
	A	3.1	Models of Excellence and Quality Management Systems						5
		3.2	Quality Improvement Methods	2			2		
		3.3	Integrated Management Systems						
	B	4.1	Unconventional Machining Technologies						5
		4.2	Highly Productive Machining	3			2		
		4.3	Contemporary Machining Systems						
	C	5.1.	Artificial Intelligence in Technology						5
		5.2.	Computer Aided Manufacturing	2			2		
		5.3.	Models and Simulations of Machining						
	D	6.1	Strategic Management and Marketing						5
		6.2.	Engineering Economy and Quality Economy	2			2		
		6.3	Industrial Engineering and Management						
	Overall student's work per week in IX semester				13	2		10	
X	COMPULSORY (C)	1.	Master thesis research			15			10
		2.	FINAL PAPER					10	20
	Overall student's work per week in X semester						15		10

D E A N

/ Prof. dr Rade Ivanković /