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ACADEMIC STUDIES CURRICULUM

INDUSTRIAL MANAGEMENT

MASTER ACADEMIC STUDIES (300 ECTS)

Trebinje, June 2012.

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
	ELECTIVE (E)	A	3.1	Models of Excellence and Quality Management Systems	2			2		5
			3.2	Quality Improvement Methods						
			3.3	Integrated Management Systems						
		B	4.1	Unconventional Machining Technologies	3			2		5
			4.2	Highly Productive Machining						
			4.3	Contemporary Machining Systems						
		C	5.1.	Artificial Intelligence in Technology	2			2		5
			5.2.	Computer Aided Manufacturing						
			5.3.	Models and Simulations of Machining						
		D	6.1	Strategic Management and Marketing	2			2		5
			6.2.	Engineering Economy and Quality Economy						
			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 /