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ACADEMIC STUDIES CURRICULUM

INDUSTRIAL ENERGY ENGINEERING

MASTER ACADEMIC STUDIES (300 ECTS)

Trebinje, June 2016.

CURRICULUM

Seme-ster	Course status		No.	Courses	Active learning				OFW	ECTS
					L	E	IR	OFW		
IX	COMPULSORY (C)		1.	Scientific Research Methodology	2			2		5
			2.	Operations Research for Energy Engineering	2	2				5
	ELECTIVE (E)	A1	3.1	New Technologies in Energy Engineering	2			2		2x5
			3.2	Numerical Simulations in Energy Engineering						
			3.3	Technical Diagnostics of Power Plant and Heating Plant Equipment						
			3.4	Artificial Intelligence in Engineering						
		B1	5.1.	Integrated Management Systems	2			2		2x5
			5.2.	Strategic Management and Marketing for Energy Engineering						
			5.3.	Development and Investments in the Energy Sector						
			5.4	Project Management for Energy Engineering						
	Overall student's work per week in IX semester				13	2		10		30
	X	COMPULSORY (C)		1.	Master's Thesis Research			15		
2.				Master's Thesis					10	20
Overall student's work per week in X semester						15		10	30	

D E A N

/ Prof. dr Dušan Jokanović /