

UNIVERSITY OF NIŠ

Course Unit Descriptor

Faculty

Faculty of Mechanical Engineering

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GENERAL INFORMATION									
Study Program	Energy and Process Engineering								
Study Module (if applicable)	-								
Course Title	Energy efficiency and ecology								
Level of Study	□Bachelor		⊠Master	's	☐ Docto	oral			
Type of Course	☐ Obligatory		⊠ Electiv	e					
Semester	☐ Autumn		⊠ Spring						
Year of Study	I								
Number of ECTS Allocated	6								
Name of Lecturer/Lecturers	Branislav Stojanović, Dejan Mitrović, Živan Spasić								
Teaching Mode	☑ Lectures☐ Laborator☐ Distance I	•	☑ Group☑ Project☐ Blende		☐ Individ ☐ Semin ☐ Other		ls		
Purpose and Overview (max. 5 ser	ntences)								
Introduction to the issue electricity, as well as the impact on	of energy the environme	efficiency ent.	in pro	duction, t	ransport	and use	e of	heat	and
Syllabus (brief outline and summa			ences)						
- General introduction to energy effi Energy Balance, - Energy efficiency I balance, - Energy management in bu power, - Energy efficiency of compre	ndicators, - Er uildings, - Ene	nergy manag rgy efficienc	ement in in y in water s	dustry, - Pre supply syste	eliminary ei ms, - Energ	nergy balan	ice, - De	etailed e	energy
Language of Instruction									
⊠Serbian (complete course)								se)	
☐Serbian with English mentoring	□Serbia	an with othe	r mentorin	g					
Assessment Methods and Criteria									
Pre exam Duties	Points	Final Exam	1	Points					
Activity During Lectures	10	Written Ex	amination	20					

Practical Teaching	10	Oral Examination	Max.50 (depending on Teaching Colloquia)					
Teaching Colloquia	10	Overall Sum	100					

^{*}Final examination mark is formed in accordance with the Institutional documents