



UNIVERSITY OF NIŠ

Course Unit Descriptor**Faculty**

Faculty of Mechanical Engineering

GENERAL INFORMATION

Study Program	Engineering Management		
Study Module (if applicable)	-		
Course Title	System Effectiveness		
Level of Study	<input checked="" type="checkbox"/> Bachelor	<input type="checkbox"/> Master's	<input type="checkbox"/> Doctoral
Type of Course	<input checked="" type="checkbox"/> Obligatory	<input type="checkbox"/> Elective	
Semester	<input type="checkbox"/> Autumn	<input checked="" type="checkbox"/> Spring	
Year of Study	II		
Number of ECTS Allocated	7		
Name of Lecturer/Lecturers	Dragan S. Milčić, Jelena D. Stefanović Marinović, Miroslav M. Mijajlović		
Teaching Mode	<input checked="" type="checkbox"/> Lectures	<input type="checkbox"/> Group tutorials	<input type="checkbox"/> Individual tutorials
	<input type="checkbox"/> Laboratory work	<input checked="" type="checkbox"/> Project work	<input checked="" type="checkbox"/> Seminar
	<input type="checkbox"/> Distance learning	<input type="checkbox"/> Blended learning	<input type="checkbox"/> Other

Purpose and Overview (max. 5 sentences)

The system effectiveness is studied in order to give to the students the basic knowledge of performance as a complex indicator of the validity of the system expressed in terms of the requirements, quality and confrontational dynamic changes.

Syllabus (brief outline and summary of topics, max. 10 sentences)

1) Introduction to system's effectiveness, 2) Workability and basic methods in investigation of effectiveness, 3) Investigation and analysis of the reliability, 4) System component's effectiveness, 5) Effectiveness and maintenance.

Language of Instruction

Serbian (complete course) English (complete course) Other _____ (complete course)
 Serbian with English mentoring Serbian with other mentoring _____

Assessment Methods and Criteria

Pre exam Duties	Points	Final Exam	Points
Activity During Lectures	5	Written Examination	0
Practical Teaching	5	Oral Examination	30
Teaching Colloquia	60	Overall Sum	100

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