



UNIVERSITY OF NIŠ

Course Unit Descriptor

Faculty

Faculty of Mechanical Engineering

GENERAL INFORMATION

Study Program	Mechanical Engineering		
Study Module (if applicable)	-		
Course Title	Selected topics in logistics and transportation system		
Level of Study	<input type="checkbox"/> Bachelor	<input type="checkbox"/> Master's	<input checked="" type="checkbox"/> Doctoral
Type of Course	<input type="checkbox"/> Obligatory	<input checked="" type="checkbox"/> Elective	
Semester	<input type="checkbox"/> Autumn	<input checked="" type="checkbox"/> Spring	
Year of Study	I		
Number of ECTS Allocated	10		
Name of Lecturer/Lecturers	Dragoslav B. Janosević, Miomir Lj. Jovanović, Zoran M. Marinković, Dragan Z. Marinković, Goran S. Petrović		
Teaching Mode	<input type="checkbox"/> Lectures	<input type="checkbox"/> Group tutorials	<input checked="" type="checkbox"/> Individual tutorials
	<input checked="" type="checkbox"/> Laboratory work	<input checked="" type="checkbox"/> Project work	<input type="checkbox"/> Seminar
	<input type="checkbox"/> Distance learning	<input type="checkbox"/> Blended learning	<input type="checkbox"/> Other

Purpose and Overview (max. 5 sentences)

Analysis of the function, structure and development procedures, design, planning and maintenance of logistic and transport systems. Capability of conducting research, development, planning and maintenance of logistic and transport systems in all branches of industry and economy.

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

Logistic systems - selected topics: Micro and macro logistic systems in enterprises; Planning of logistic systems; Management of logistic systems;. Material flow in logistic systems;. Storage and distribution systems;. Management of supply chains; City logistic systems; Regional systems of waste logistics; Logistic system simulation.

Transport systems - selected topics: Analysis and synthesis of transport systems' drive mechanisms; Design of continuous transport systems; Design of discontinuous transport systems; Structural analysis of transport systems; Integral transport systems; City transport systems; Special transport systems; Simulation of transport systems; Maintenance of transport systems.

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
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Activity During Mentoring	5		
Practical Teaching (Consultation)	5	Final (oral) Presentation	Max. 30
Teaching Study (Research project)	60	Overall Sum	100
* Final examination mark is formed in accordance with the Institutional documents			