



UNIVERSITY OF NIŠ

Course Unit Descriptor

Faculty

Faculty of Mechanical Engineering

GENERAL INFORMATION

Study Program	Engineering management		
Study Module (if applicable)	Transport and logistics management		
Course Title	Logistics centers		
Level of Study	<input type="checkbox"/> Bachelor	<input checked="" type="checkbox"/> Master's	<input 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	6		
Name of Lecturer/Lecturers	Dragoslav B. Janošević		
Teaching Mode	<input checked="" type="checkbox"/> Lectures	<input type="checkbox"/> Group tutorials	<input type="checkbox"/> Individual tutorials
	<input checked="" 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)

Introduce students to the theoretical and practical knowledge in the field of supply, distribution and logistics centers. Acquiring the knowledge and experience for solving the problems in the field of planning, design, construction and management of logistics centers within the supply chain and distribution.

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

1) Basics of logistics supply chains, 2) The types of logistics centers (LC), 3) Macro and micro location of LC, 4) The structure of freight-transport flows and transportation chains technology, 5) The structure of LC function, 6) The structure of the LC subsystem, 7) Dimensioning of LC, 8) Economic assessment of feasibility of the LC construction, 9) Technologically - spatial characteristics of LC, 10) Cooperation in logistics chains through LC, 11) Commodity flows and the transportation-distributive chains in the network of LC, 12) The methodology and models of optimization of logistic chains in the network of LC.

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			