



UNIVERSITY OF NIŠ

Course Unit Descriptor

Faculty

Faculty of Mechanical Engineering

GENERAL INFORMATION

Study Program	Engineering management		
Study Module (if applicable)	-		
Course Title	Management in logistics		
Level of Study	<input checked="" type="checkbox"/> Bachelor	<input type="checkbox"/> Master's	<input type="checkbox"/> Doctoral
Type of Course	<input type="checkbox"/> Obligatory	<input checked="" type="checkbox"/> Elective	
Semester	<input checked="" type="checkbox"/> Autumn	<input type="checkbox"/> Spring	
Year of Study	IV		
Number of ECTS Allocated	7		
Name of Lecturer/Lecturers	Goran S. Petrović		
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 type="checkbox"/> Seminar
	<input type="checkbox"/> Distance learning	<input type="checkbox"/> Blended learning	<input type="checkbox"/> Other

Purpose and Overview (max. 5 sentences)

This course aims to introduce students to the basic functions, concepts and management procedures of business and engineering logistics. The course outline includes the knowledge to design functions, concepts and management procedures which are needed for analysis, planning and optimization of diverse and complex logistics systems.

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

1) Definitions of logistic management - logistics flows, enterprise as a logistic system; 2) Functions, processes and structure of enterprises, input and output interfaces; 3) Business logistics management - management concepts, methods (portfolio matrix, SWOT and TOWS methods); 4) Strategic management in logistics - vision, mission statement and goals; 5) Marketing logistics - marketing definitions, concepts and strategies of marketing, ABC method; 6) Management of enterprise research and development - types of researches, management methods of the research and development, basics of Invention and Innovation, stages of the product life cycle; 7) Production logistic - lean manufacturing, "just in time" production , kanban system; 8) Decision making in enterprises - methods; 9) Quality management principles; 10) Logistics chains and networks.

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	60 (depending on Teaching Colloquia)
Practical Teaching	5	Oral Examination	30 (oral exam or project presentation)
Teaching Colloquia	60	Overall Sum	100
*Final examination mark is formed in accordance with the Institutional documents			