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| **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 | ☒Bachelor | | | ☐ Master’s | | | | ☐ Doctoral |
| Type of Course | ☐ Obligatory | | | ☒ Elective | | | | |
| Semester | ☒ Autumn | | | ☐ Spring | | | | |
| Year of Study | IV | | | | | | | |
| Number of ECTS Allocated | 7 | | | | | | | |
| Name of Lecturer/Lecturers | Goran S. Petrović | | | | | | | |
| Teaching Mode | ☒ Lectures | | | ☐ Group tutorials | | | | ☐ Individual tutorials |
| ☐ Laboratory work | | | ☒ Project work | | | | ☐ Seminar |
| ☐ Distance learning | | | ☐ Blended learning | | | | ☐ 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** | | | | | | | | |