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| **UNIVERSITY OF NIŠ** |
| **Course Unit Descriptor** | **Faculty** | Faculty of Mechanical Engineering |
| **GENERAL INFORMATION** |
| Study Program | **Mechanical Engineering** |
| Study Module (if applicable) | - |
| Course Title | Introduction to management |
| Level of Study | ☒Bachelor | ☐ Master’s | ☐ Doctoral |
| Type of Course | ☐ Obligatory | ☒ Elective |
| Semester | ☐ Autumn | ☒ Spring |
| Year of Study | III |
| Number of ECTS Allocated | 6 |
| Name of Lecturer/Lecturers | Pedja M. Milosavljević |
| Teaching Mode | ☒ Lectures | ☐ Group tutorials | ☐ Individual tutorials |
| ☒ Laboratory work | ☒ Project work | ☒ Seminar |
| ☐ Distance learning | ☐ Blended learning | ☐ Other |
| **Purpose and Overview (max. 5 sentences)** |
| *Introduce students to the process, as fundamental unit of work in all organization. The aim is to identify challenges for management and for understanding the relationships between the activities through the organization and how the functioning of the organization meets contemporary needs. The second objective is to help students to discover the excitement of dynamic field of engineering management. Students are introduced to interesting examples from manufacturing organizations which enable them to understand better the importance of engineering management and to familiarize themselves with new technologies for decision making and collecting data. Students are qualified for managing the functional processes and to make decision based on facts using modern methods and tools of management. Students become competent to work on improving processes and increasing the efficiency and effectiveness of the company as a system.* |
| **Syllabus (brief outline and summary of topics, max. 10 sentences)** |
| 1) Engineering management as competitive weapon, 2) Management of business processes, 3) Total Quality Management, 4) Supply Chain Management, 5) Inventory Management, 6) Kaizen method. |
| **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** | **40** |
| **Practical Teaching** | **5** | **Oral Examination** | **Max. 30 (depending on Teaching Colloquia)** |
| **Teaching Colloquia** | **20** | **Overall Sum** | **100** |
| **\*Final examination mark is formed in accordance with the Institutional documents** |