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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) | Industrial management |
| Course Title | Enterprise information systems |
| Level of Study | ☐ Bachelor | ☒ Master’s | ☐ Doctoral |
| Type of Course | ☐ Obligatory | ☒ Elective |
| Semester | ☒ Autumn | ☐ Spring |
| Year of Study | I |
| Number of ECTS Allocated | 7 |
| Name of Lecturer/Lecturers | Miroslav Trajanović, Dragan Mišić |
| Teaching Mode | ☒ Lectures | ☐ Group tutorials | ☐ Individual tutorials |
| ☒ Laboratory work | ☒ Project work | ☒ Seminar |
| ☐ Distance learning | ☐ Blended learning | ☐ Other |
| **Purpose and Overview (max. 5 sentences)** |
| The goal of this course is to introduce students to the tasks, functions and characteristics of information systems, as well as to the techniques for design, development, implementation and maintenance of information systems. Students will be able to understand the designing and implementation process of information systems. They will also be able to independently define requests and develop simple information systems. The acquired knowledge will help them to use information systems later in practice. |
| **Syllabus (brief outline and summary of topics, max. 10 sentences)** |
| Information systems as a support for business management. Types, characteristics and architecture of information systems. Planning an information system. Requirement analysis. Information system design. Implementation of information systems. Administration of information systems. Information system maintenance. Information system reengineering. Information system security. |
| **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** | **10** | **Written Examination** | **40** |
| **Practical Teaching** |  | **Oral Examination** |  |
| **Teaching Colloquia** | **25+25** | **Overall Sum** | **100** |
| **\*Final examination mark is formed in accordance with the Institutional documents** |