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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 | Knowledge Management |
| Level of Study | ☐Bachelor | ☒ Master’s | ☐ Doctoral |
| Type of Course | ☐ Obligatory | ☒ Elective |
| Semester | ☐ Autumn | ☒ Spring |
| Year of Study | I |
| Number of ECTS Allocated | 6 |
| Name of Lecturer/Lecturers | Andjela D. Lazarevic |
| Teaching Mode | ☒ Lectures | ☒ Group tutorials | ☐ Individual tutorials |
| ☐ Laboratory work | ☐ Project work | ☒ Seminar |
| ☐ Distance learning | ☐ Blended learning | ☐ Other |
| **Purpose and Overview (max. 5 sentences)** |
| *To gain the theoretical and practical knowledge referring to the basic concepts of knowledge management, including four basic knowledge management systems related to the knowledge discovering, capturing, sharing and applying.**To develop abilities to independently and creatively manage knowledge in organization.* |
| **Syllabus (brief outline and summary of topics, max. 10 sentences)** |
| Integrated, multidisciplinary presentation of knowledge management in theory and practice. Knowledge management terms, definitions and drivers. Different types and locations of knowledge in organizations. Historical development of knowledge management. Intellectual capital. Epistemology. Key terminology for data and knowledge management. Knowledge management concepts: foundations and solutions. Knowledge infrastructure, mechanisms and technologies. Knowledge management processes and sub-processes. Knowledge management systems: knowledge discovery systems, knowledge capture systems, knowledge sharing systems and knowledge application systems. Problems and barriers to develop and use knowledge management systems. Knowledge management competitive advantages, future and prospective. |
| **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** | **50** | **Overall Sum** | **100** |
| **\*Final examination mark is formed in accordance with the Institutional documents** |