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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 | E-BUSINESS |
| 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 | Miodrag T. Manić, |
| Teaching Mode | ☒ Lectures | ☐ Group tutorials | ☐ Individual tutorials |
| ☒ Laboratory work | ☒ Project work | ☒ Seminar |
| ☐ Distance learning | ☐ Blended learning | ☐ Other |
| **Purpose and Overview (max. 5 sentences)** |
| *Enabling students to use current technology of electronic business improve efficiency and effectiveness by using Software applications in the field of production systems, transport engineering, transport equipment and logistics, internal transport* |
| **Syllabus (brief outline and summary of topics, max. 10 sentences)** |
| 1) Computer Network and Communication, 2) Communication protocols. Organization and management of computer networks. Internet, 3) Data and information: Data Types. Data structures. Files, Databases. The structure and purpose of the IS, 4) Web technology, 5) E-business, 6) e-business technologies in practice, 7) Information technology in logistics, 8) Information technology in public systems, 9) Electronic banking (e-banking). Electronic Payment System. Mobile banking, 10) GPS systems. |
| **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** | **20** |
| **Practical Teaching** | **10** | **Oral Examination** | **20**  |
| **Teaching Colloquia** | **40** | **Overall Sum** | **100** |
| **\*Final examination mark is formed in accordance with the Institutional documents** |