|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **UNIVERSITY OF NIŠ** | | | | | | | | |
| **Course Unit Descriptor** | | | **Faculty** | | Faculty of Mechanical Engineering | | | |
| **GENERAL INFORMATION** | | | | | | | | |
| Study Program | **Mechanical Engineering** | | | | | | | |
| Study Module (if applicable) | - | | | | | | | |
| Course Title | Organization and technology of road traffic | | | | | | | |
| Level of Study | ☒Bachelor | | | ☐ Master’s | | | | ☐ Doctoral |
| Type of Course | ☐ Obligatory | | | ☒ Elective | | | | |
| Semester | ☐ Autumn | | | ☒ Spring | | | | |
| Year of Study | IV | | | | | | | |
| Number of ECTS Allocated | 6 | | | | | | | |
| Name of Lecturer/Lecturers | Ljubislav Vasin | | | | | | | |
| Teaching Mode | ☒ Lectures | | | ☐ Group tutorials | | | | ☐ Individual tutorials |
| ☐ Laboratory work | | | ☐ Project work | | | | ☒ Seminar |
| ☐ Distance learning | | | ☐ Blended learning | | | | ☐ Other |
| **Purpose and Overview** | | | | | | | | |
| *Introduce students with the theoretical and practical basics of using the means of transportation, technology, way of functioning and principles of the organization of transport of goods and passengers by road transport.* | | | | | | | | |
| **Syllabus** | | | | | | | | |
| 1) The significance, division and organization of road traffic and transport, 2) Organizational forms and contents of business operations, 3) The vehicle fleet. The division of road transport vehicles and the conditions for their exploitation. The structure and timing bilans vehicle fleet, 4) The transport process, 5) The work measurers of vehicle fleet, 6) The transport work and productivity of the vehicle, 7) Operating costs of vehicles, 8) Selection and calculation of the required number of vehicles used for transport, 9) Goods in road transport. Classification of goods. Freight Terminals in road transport, 10) Road passenger transport. The quality of services in road transport. | | | | | | | | |
| **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** | | | **30** | | |
| **Seminars** | | **10** | **Oral Examination** | | | **20** | | |
| **Teaching Colloquia** | | **10+10+10=30** | **Overall Sum** | | | **100** | | |
| **\*Final examination mark is formed in accordance with the Institutional documents** | | | | | | | | |