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|  **UNIVERSITY OF NIŠ** |
| **Course Unit Descriptor** | **Faculty** | FACULTY OF TECHNOLOGY LESKOVAC |
| **GENERAL INFORMATION** |
| Study program  | TEXTILE TECHNOLOGIES |
| Study Module (if applicable) | INDUSTRIAL DESIGN OF TEXTILE PRODUCTS MODULE |
| Course title | **Spinning technology** |
| Level of study | ☒Bachelor ☐ Master’s ☐ Doctoral |
| Type of course | ☐ Obligatory ☒ Elective |
| Semester  | ☐ Autumn ☒Spring |
| Year of study  | II |
| Number of ECTS allocated | 7 |
| Name of lecturer/lecturers | **Dušan Trajković, Goran Demboski** |
| Teaching mode | ☒Lectures ☒Group tutorials ☐ Individual tutorials☐Laboratory work ☐ Project work ☐ Seminar☐Distance learning ☒ Blended learning ☐ Other |
| **PURPOSE AND OVERVIEW (max. 5 sentences)** |
| Main aims of this course are introduction to the basic process of yarn making from natural and chemical fibers and their mixtures. Also to introduce students to technical and technological parameters which are a condition for the high-quality yarn production. |
| **SYLLABUS (brief outline and summary of topics, max. 10 sentences)** |
| Types of yarn and spinning systems of certain types of fiber; Structural and constructional features of yarn; Opening, cleaning and carding cotton fibers; Drawing a cotton tapes and roving on the flyer; Conventional spinning on the ring spinning machine; Combing cotton slivers; Systems of spinning wool fibers, classification and standardization of wool fiber, preparation for a lug; Roving in the spinning mill for combing woolen yarn and spinning; Processing of chemical staple fiber in the spinning mills; Texturing filament yarn; |
| **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** | **20** | **Written examination** | **15** |
| **Practical teaching** | **15** | **Oral examination** | **25** |
| **Teaching colloquia** | **25** | **OVERALL SUM** | **100** |
| **\*Final examination mark is formed in accordance with the Institutional documents** |