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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) | TEXTILE ENGINEERING MODULE |
| Course title | **Projecting textile processes** |
| 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 | **Dušan Trajković** |
| Teaching mode | ☒Lectures ☒Group tutorials ☐ Individual tutorials☐Laboratory work ☒ Project work ☐ Seminar☐Distance learning ☒ Blended learning ☐ Other |
| **PURPOSE AND OVERVIEW (max. 5 sentences)** |
| To provide students with knowledge of the analysis of working processes, methods of technological prediction and forecasting, rational use and utilization of energy resources, waste control, objects transportation, rationalization and the acquisition of the new methods and processes of the manufacture. |
| **SYLLABUS (brief outline and summary of topics, max. 10 sentences)** |
| Basic terminology in projecting; Levels of projecting and related problems of projecting; The choice of technology and technological equipment; Network planning of the production process; Analysis of technological solutions; Technological capacity and production volume; Material and energy balance; The necessary workforce and internal transport; Effects of investments; The disposition of equipment and facilities; Graphical presentation and implementation of computer applications in projecting textile processes. |
| **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** | **30** |
| **Teaching colloquia** | **30** | **OVERALL SUM** | **100** |
| **\*Final examination mark is formed in accordance with the Institutional documents** |