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|  **UNIVERSITY OF NIŠ** |
| **Course Unit Descriptor** | **Faculty** | Faculty of Technology |
| **GENERAL INFORMATION** |
| Study program  | **TEXTILE TECHNOLOGIES** |
| Study Module (if applicable) | Textile engineering module |
| Course title | Fabric projecting |
| Level of study | ☒Bachelor ☐ Master’s ☐ Doctoral |
| Type of course | ☐ Obligatory ☒ Elective |
| Semester  | ☒ Autumn ☐Spring |
| Year of study  |  III |
| Number of ECTS allocated | 6 |
| Name of lecturer/lecturers | Jovan Stepanović |
| Teaching mode | ☒Lectures ☐Group tutorials ☐ Individual tutorials☐Laboratory work ☐ Project work ☐ Seminar☐Distance learning ☐ Blended learning ☐ Other |
| **PURPOSE AND OVERVIEW (max. 5 sentences)** |
| The aim of the course:Introduction to design methods of structural characteristics of weaved textile materials. Consideration of fabric structural parameters and their mutual influences. Acquiring knowledge about new methods and techniques of designing fabric.Outcome: Students are able to decompose the existing woven structure, and to independently design fabric according to the demands of the market. |
| **SYLLABUS (brief outline and summary of topics, max. 10 sentences)** |
| Course content:Theoretical classes:Project task and the fabric project. Types and classification offabrics. The basic design parameters of fabric. Design of structural characteristics of woven textile materials. Parameters of jacquard fabric design. Application of software for designing fabrics. Practical classes:Fabric decomposition with different structure and constructive solutions. Practical application of methods for the design of fabrics.  |
| **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** |  |
| **Practical teaching** |  | **Oral examination** | **40** |
| **Teaching colloquia** | **50** | **OVERALL SUM** | **100** |
| **\*Final examination mark is formed in accordance with the Institutional documents** |