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|  **UNIVERSITY OF NIŠ** |
| **Course Unit Descriptor** | **Faculty** | Faculty of Technology |
| **GENERAL INFORMATION** |
| Study program  | **TEXTILE TECHNOLOGIES** |
| Study Module (if applicable) | Industrial design of textile products module |
| Course title | Fabric construction |
| Level of study | ☒Bachelor ☐ Master’s ☐ Doctoral |
| Type of course | ☒ Obligatory ☐ Elective |
| Semester  | ☒ Autumn ☐Spring |
| Year of study  | II |
| 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 fabric types of textile materials. Gaining knowledge of fabric recognition according to the method of preparation and purpose. The study of constructive solutions of fabrics. Outcome: Students are able to recognize and practically apply basic, derived, combined and jacquard weaves fabric in the production process. |
| **SYLLABUS (brief outline and summary of topics, max. 10 sentences)** |
| Course content:Theoretical classes:Graphical view of fabric construction. Plain weave.Twillweave. Derived weaves of the plain weave. Derived weaves from twill weave. Effects of colored wires and weave. Weft and warp doubles. The tubular fabrics. Double and multiple fabrics. Double warprib weave. Pikeefabrics. Terryfabrics. Plush weave. Gobelinweave.Practical classes:Graphical view of the basic weaves. Graphic view of derived weaves. Graphical view of complex weaves. Graphical view of Jacquard weave. Application software in the construction of the fabric. |
| **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** |