|  |
| --- |
|  **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 | Textile product projecting |
| Level of study | ☐Bachelor ☒ Master’s ☐ Doctoral |
| Type of course | ☐ Obligatory ☒ Elective |
| Semester  | ☐ Autumn ☒Spring |
| Year of study  | I |
| Number of ECTS allocated | 5 |
| 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 modern methods of projecting textile products. Studying the processes of projecting yarns, fabrics and non-wovens. Application of modern software in order to project textile products.Outcome: Students are able to independently project textile products according to market demands. They are also prepared to further improve their knowledge in the field of projecting of textile products in doctoral studies. |
| **SYLLABUS (brief outline and summary of topics, max. 10 sentences)** |
| Course content:Theoretical classes:Modern methods of projecting structural and mechanical characteristics of single ring and twisted yarn. Modern methods of projecting structural and mechanical properties of woven, knitted and non-woven textile materials. Projecting household textiles (bedding, curtains, wall and floor coverings). Projecting textiles for technical purposes (filters, protective materials, geotextile materials, fabrics for tents, tarpaulins, sails, conveyor belts, chutes, sieves).Practical classes:Practical application of modern methods for projecting yarns. Practical application of modern methods for the projecting of fabrics, knitwear and non wovens. Application of software for projecting textile products.  |
| **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** |