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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 | Textile quality control |
| Level of study | ☒Bachelor ☐ Master’s ☐ Doctoral |
| Type of course | ☐ Obligatory ☒ Elective |
| Semester  | ☐ Autumn ☒Spring |
| Year of study  | IV |
| Number of ECTS allocated | 6 |
| Name of lecturer/lecturers | Nenad Cirkovic, 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)** |
| Getting basic knowledge about the significance and specifics of the quality control of textile materials and products. Objectively monitoring and evaluation of quality. Quality Control System. Introduction to the most important domestic and foreign standards on quality control of textile materials and products and their applications. |
| **SYLLABUS (brief outline and summary of topics, max. 10 sentences)** |
| 1. General about the quality control of textiles and its role in the production. 2. Definitions of quality of textile materials and products. 3. Quality assurance and quality management. 4. The importance of modern integrated quality control. 5. The application of standards in textiles. 6. Methods and techniques of quality control. 7. Basic concepts in statistics. 8. Expressing uncertainty of measurement results. 9. The laws of distribution of random sizes and their application in quality control. 10. Methods and techniques of quality control. 11. Control over the experiment. 12. Analysis of the process of production through technological cards. 13. The statistical evaluation of test results. 14. The relationship between the quality indicators. 15. Application of computer techniques in quality control. |
| **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** | **5** | **Written examination** |  |
| **Practical teaching** | **5** | **Oral examination** | **40** |
| **Teaching colloquia** | **50** | **OVERALL SUM** | **100** |
| **\*Final examination mark is formed in accordance with the Institutional documents** |