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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  |
| Course title | Textile Care Processes  |
| Level of study | [x] Bachelor [ ]  Master’s [ ]  Doctoral |
| Type of course | [ ]  Obligatory [x]  Elective |
| Semester  |  [ ]  Autumn [x] Spring |
| Year of study  | IV |
| Number of ECTS allocated | 6 |
| Name of lecturer/lecturers | Dragan Djordjevic |
| Teaching mode |  [x] Lectures [ ] Group tutorials [ ]  Individual tutorials [x] Laboratory work [ ]  Project work [x]  Seminar [ ] Distance learning [ ]  Blended learning [x]  Other |
| **PURPOSE AND OVERVIEW (max. 5 sentences)** |
| The acquired knowledge will enable students to work with individual formulations means for the care of the technological, ecological, toxicological and human point of view, and with the proper organization and access to individual operations in order to achieve satisfactory effects in textile care.Students are trained to apply the principles of maintenance and care of textiles independently, i.e. textile materials and products. The course gives students basic and advanced knowledge necessary to develop all areas of textile care. |
| **SYLLABUS (brief outline and summary of topics, max. 10 sentences)** |
| 1. Historical development process of textile care (washing, dry cleaning, cleaning with water and shampooing).
2. Dry-cleaning machines and development of new technologies.
3. Dirt; washing processes; Water for washing; detergents; surface active agents; wettability; emulsification ability.
4. Machines for continuous and discontinuous washing. The chemical bleaching; bleaching activators; optical bleaching; inhibitors of graying.
5. Composition of detergents; Home laundry detergents; Universal detergent for washing;
6. Detergents special purpose; auxiliary products to increase detergents from washing; enhancers to remove heavy stains.
7. Machines for drying; "Finishers" for work clothes.
8. Solvents for dry cleaning; amplifiers; filtering; distillation and recovery of the solvent; subsequent processing.
9. Environmental aspects in the processes of care textiles; shampooing carpets and rugs; dry cleaning.
10. Ironing; ironing machines; the latest line board; packaging and delivery of goods; machines for packing clothes.
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| **LANGUAGE OF INSTRUCTION** |
| [x] Serbian (complete course) [x]  English (complete course) [ ]  Other \_\_\_\_\_\_\_\_\_\_\_\_\_ (complete course)[x] 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** | **15** | **Oral examination** | **50** |
| **Teaching colloquia** | **25** | **OVERALL SUM** | **100** |
| **\*Final examination mark is formed in accordance with the Institutional documents** |