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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 | Garment design |
| 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 | Nenad Cirkovic |
| Teaching mode | ☒Lectures ☐Group tutorials ☐ Individual tutorials☐Laboratory work ☐ Project work ☐ Seminar☐Distance learning ☐ Blended learning ☒ Other |
| **PURPOSE AND OVERVIEW (max. 5 sentences)** |
| Student learns to project clothes according to customer requirements, or requirements that should provide clothing, with the use of computers and modern resources for evaluating particular features. It is necessary to master the knowledge to characterize the relationship between the human body - clothes - air conditioning - environment. |
| **SYLLABUS (brief outline and summary of topics, max. 10 sentences)** |
| 1. General concepts in projecting clothes and their importance. 2. The basic rule of modern clothing. 3. Division of clothes according to their purpose and their characteristics. 4. The exchange of heat between the human body and the environment. 5. Thermal insulation of clothing. 6. Thermophysiological features of clothing and methods of their determination. 7. Measuring methods and apparatus for testing specific properties of clothing. 8. Factors affecting the thermal characteristics of the clothing and to provide a comfortable feeling when wearing certain clothing system. 9. The thermal properties of materials for making clothes. 10. The processes of conduction, convection and radiation. 11. Aesthetic, ergonomic, mechanical and economic functions of clothing. 12. Comfort clothes to wear. 13. Designing clothes for the visual correction of dimensions of the human body. 14. Some features of designing clothes for tall and short women. 15. Sewing cotton - type and characteristics. |
| **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** |