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| **UNIVERSITY OF NIŠ** | | | | | | |
| **Course Unit Descriptor** | | **Faculty** | | |  | |
| **GENERAL INFORMATION** | | | | | | |
| Study program | | | | **TEXTILE TECHNOLOGIES** | | |
| Study Module (if applicable) | | | | *INDUSTRIAL DESIGN OF TEXTILE PRODUCTS* | | |
| Course title | | | | Engineer drawing | | |
| Level of study | | | | Bachelor  Master’s  Doctoral | | |
| Type of course | | | | Obligatory  Elective | | |
| Semester | | | | Autumn Spring | | |
| Year of study | | | | I | | |
| Number of ECTS allocated | | | | 4 | | |
| Name of lecturer/lecturers | | | | Dragan T. Stojiljković | | |
| 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 is to provide students with basic theoretical and practical knowledge of design, development and*  *use of technical drawings and technical documents.*  *Циљ предмета је да студенти стекну основна теоријска и практична знања о пројектовању, изради и*  *коришчењу техничких цртежа и техничке документације* | | | | | | |
| **SYLLABUS (brief outline and summary of topics, max. 10 sentences)** | | | | | | |
| **Увод . НАЦРТНА ГЕОМЕТРИЈА. Пројицирање. Квадранти и октанти. Тачка. Права. Две праве. Раван. Тачка и права у равни. Раван одређена правом и тачком. Две равни. Продор праве и равни. Обарање равни. Равни пресеци површи. Пресек пирамиде, призме са једном равни. Испитни задаци. ТЕХНИЧКО ЦРТАЊЕ. Увод. Пројектовање.**  **Пресеци и делими;ни пресек. Уштеда на пројекцијама. Упрошћење при цртању.**  **Котирање. Означавање квалитета површина на инд. објектима.**  **Introduction . DESCRIPTIVE GEOMETRY. Projecting. Quadrants and octants. Point. Straight line. Two straight lines. Plane. Point and straight line in the plane. Two plains. Penetration of straight through the plane. Plane rotation. The intersection of pyramide, prism with one plain. Test tasks. TECHNICAL DRAWING. Introduction. Projecting.**  **Sections and partial sections. Projection saving. Simplification in the drawing.**  **Dimensioning. Marking quality surfaces in industrial facilities.** | | | | | | |
| **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** | | | **60**  **For students who have not passed the test colloquia)**  **(за студенте који нису положши испитне колоквијуме)** |
| **Practical teaching** | **30** | | **Oral examination** | | | **no** |
| **Teaching colloquia** | **60** | | **OVERALL SUM** | | | **100** |
| **\*Final examination mark is formed in accordance with the Institutional documents** | | | | | | |