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|  **UNIVERSITY OF NIŠ** |
| **Course Unit Descriptor** | **Faculty** | Pedagogical Faculty in Vranje |
| **GENERAL INFORMATION** |
| Study program  | Technical Education and Informatics |
| Study Module (if applicable) | / |
| Course title | Practical work 1 |
| Level of study | ☐Bachelor ☒ Master’s ☐ Doctoral |
| Type of course | ☒ Obligatory ☐ Elective |
| Semester  | ☐ Autumn ☒Spring |
| Year of study  | First |
| Number of ECTS allocated | 3 |
| Name of lecturer/lecturers | Dragan Cenic |
| Teaching mode | ☐Lectures ☐Group tutorials ☐ Individual tutorials☒Laboratory work ☒ Project work ☐ Seminar☐Distance learning ☐ Blended learning ☐ Other |
| **PURPOSE AND OVERVIEW (max. 5 sentences)** |
| *Acquiring basic knowledge about: developed technical and technological environment, the basic concept of information and communication technologies, using of computer with ready-made software for word processing, graphical representations, interface and internet, application of science in techniques and technology, developing of a logical concepts and ability for problems solving and knowledge application and verification in practice.**After completing the course the student is able to: apply acquired knowledge in testing, designing, manufacturing and construction the technical materials of paper, cardboard, plastic and plaster as using the computers for preparation and teaching of technical and IT education at fifth grade .* |
| **SYLLABUS (brief outline and summary of topics, max. 10 sentences)** |
| **Practical teaching****Technical content:****Testing properties of paper and materials, bending, shearing, cutting, perforating, gluing, stapling, making three-dimensional objects of cardboard and plastic. Shaping, drying, sawing and painting clay. Manufacture of plaster molds. Marking, cutting, bending, drilling, grinding, polishing, thermoforming, melting, casting polyester and epoxy resins, adhesives. Designing and constructing with technical correspondence.****IT content:****Classes realize in the classroom with computers. Students make tasks according to themes which are included into subject *Technical and IT education* in fifth grade (computer application, computer systems, connect and turn on the computer, work in the graphical operating system *Windows*, text processors *Notepad*, *WordPad*, drawing program *Paint*)** |
| **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** |  | **Written examination** |  |
| **Practical teaching** | **10** | **Oral examination Practical** | **50** |
| **Teaching colloquia** | **40** | **OVERALL SUM** | **100** |
| **\*Final examination mark is formed in accordance with the Institutional documents** |