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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 2 |
| Level of study | ☐Bachelor ☒ Master’s ☐ Doctoral |
| Type of course | ☒ Obligatory ☐ Elective |
| Semester  | ☐ Autumn ☒Spring |
| Year of study  | Second |
| 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 students will be able to: apply acquired knowledge in designing objects, study of production technology, preparation, processing, blending and coating products of wood, computer application for preparation and realization the teaching for the subject Technical and IT education in the sixth grade.* |
| **SYLLABUS (brief outline and summary of topics, max. 10 sentences)** |
| **Practical teaching****Technical content:****Materials and machines. Designing objects, study of production technology, choosing appropriate machines, devices and the use of tools. Creation of a prototype of the product and improving the final product. Testing and evaluation of products. Preparation of materials from wood. Hand woodworking - measurement, processing, sawing, cutting, chiselling. Processing of wood - cutting, straightening thick wood, drilling, milling, grinding. Bonding wood – by gluing, nails and using screws. Coating wood. Emphasis on the constant and periodic maintenance of tools, utilities, as well as the workshop.****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 the sixth grade (program for 2D design Microsoft Visio, as a part of the program package Microsoft Office, programs for technical drawing Envisioneer Express,Sketch Up, Internet and its services, viruses).** |
| **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** |