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|  **UNIVERSITY OF NIŠ** |
| **Course Unit Descriptor** | **Faculty**  | Faculty of Occupational Safety in Niš |
| **GENERAL INFORMATION** |
| Study program  | Environmental Protection |
| Study Module (if applicable) | - |
| Course title | Engineering graphics |
| Level of study | ⌧ Bachelor ☐ Master’s ☐ Doctoral |
| Type of course | ⌧ Obligatory ☐ Elective |
| Semester  | ☐ Autumn ⌧ Spring |
| Year of study  | I |
| Number of ECTS allocated | 6 |
| Name of lecturer/lecturers | Ivan Mijailovic |
| Teaching mode |  ⌧ Lectures ☐Group tutorials ☐ Individual tutorials ⌧ Laboratory work ☐ Project work ☐ Seminar ☐Distance learning ☐ Blended learning ☐ Other |
| **PURPOSE AND OVERVIEW (max. 5 sentences)** |
| *Developing spatial perception, adopting principles of projection, becoming skilled for graphic communication and application of graphic and computer methods in solving engineering problems. On completing the course content, students master skills of projection with the aid of contemporary software tools and gain ability to use, create and amend technical documentation in traditional and modern formats.*  |
| **SYLLABUS (brief outline and summary of topics, max. 10 sentences)** |
| **Introduction to the theory of projection. Basic elements of engineering graphics, technical drawing and descriptive geometry. Projection systems in different technical disciplines. Basics of CAD projection. Mastering the use of contemporary software tools (Rhinoceros, AutoCAD, Solid Works.**  |
| **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** | **40** |
| **Practical teaching** | **20** | **Oral examination** |  |
| **Teaching colloquia** | **30** | **OVERALL SUM** | **100** |
| **\*Final examination mark is formed in accordance with the Institutional documents** |