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|  **UNIVERSITY OF NIŠ** |
| **Course Unit Descriptor** | **Faculty**  | Faculty of Occupational Safety in Niš |
| **GENERAL INFORMATION** |
| Study program  | Occupational Safety Engineering |
| Study Module (if applicable) | / |
| Course title | Ergonomics of products |
| Level of study | ☐ Bachelor ☐ Master’s ☒ Doctoral |
| Type of course | ☐ Obligatory ☒ Elective |
| Semester  | ☒ Autumn ☐Spring |
| Year of study  | Second year |
| Number of ECTS allocated | 10 |
| Name of lecturer/lecturers | Sonja Pavlovic - Veselinovic |
| Teaching mode |  ☒Lectures ☐Group tutorials ☐ Individual tutorials ☐Laboratory work ☒ Project work ☒ Seminar ☐Distance learning ☒ Blended learning ☐ Other |
| **PURPOSE AND OVERVIEW (max. 5 sentences)** |
| *Acquiring knowledge about the application of ergonomic findings and principles in the design of the product / environment (specially intended for different types of designers)* |
| **SYLLABUS (brief outline and summary of topics, max. 10 sentences)** |
| Ergonomics and design. Physical, cognitive and organizational ergonomics. Anthropometric data. Biomechanical data. Information receiving and processing. Ergonomic design principles. Safety, the efficiency of use and maintenance. Ergonomic recommendations for design in the electrical industry. Ergonomic recommendations for graphic design. Ergonomic recommendations for the design of transportation means. Ergonomic recommendations for furniture design. Ergonomic recommendations for the design of consumer products. Ergonomic recommendations for persons with special needs and the elderly. Ergonomic recommendations for the design of public spaces / environments… |
| **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** |  |
| **Practical teaching** | **20** | **Oral examination** | **40** |
| **Teaching colloquia** | **30** | **OVERALL SUM** | **100** |
| **\*Final examination mark is formed in accordance with the Institutional documents** |