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| **UNIVERSITY OF NIŠ** | | | | | | |
| **Course Unit Descriptor** | | **Faculty** | | | Faculty of Occupational Safety in Niš | |
| **GENERAL INFORMATION** | | | | | | |
| Study program | | | | Occupational Safety | | |
| Study Module (if applicable) | | | | / | | |
| Course title | | | | **Industrial Structures** | | |
| Level of study | | | | ☒ Bachelor ☐ Master’s ☐ Doctoral | | |
| Type of course | | | | ☐Obligatory ☒ Elective | | |
| Semester | | | | ☐Autumn ☒Spring | | |
| Year of study | | | | 3 | | |
| Number of ECTS allocated | | | | **6** | | |
| Name of lecturer/lecturers | | | | **Jasmina Radosavljević** | | |
| 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 industrial structures, their architectural forms, dimensions, construction elements, materials, and other elements related to their construction and operation.* | | | | | | |
| **SYLLABUS (brief outline and summary of topics, max. 10 sentences)** | | | | | | |
| Position of industry against residential areas; industrial complex and its elements; basic architectural forms of industrial complexes. Architectural forms and dimensions of industrial structures; constructive systems of industrial structures; materials for industrial structure construction, construction of walls, roofs, floors, and floor constructions. Division of workshops based on their architectural characteristics (low, high, and floored production halls; “blind” (windowless) production halls). Workplace analysis; communication in workshops; storage of raw materials and final products, lighting and ventilation of workshop spaces (natural and mechanical). Workshop evacuation, internal freight transport (horizontal, vertical, and slanted freight transport). Technical installations, wardrobe and sanitation block within an industrial building, greening of workshops in industrial buildings.  Analysis of current topics pertaining to design, construction, adaptation, reconstruction, and organization of industrial structure space. | | | | | | |
| **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**  **Seminary work** | **30** | | **Oral examination** | | | **-** |
| **Teaching colloquia** | **20** | | **OVERALL SUM** | | | **100** |
| **\*Final examination mark is formed in accordance with the Institutional documents** | | | | | | |