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|  **UNIVERSITY OF NIŠ** |
| **Course Unit Descriptor** | **Faculty**  | **Faculty of Civil Engineering and Architecture** |
| **GENERAL INFORMATION** |
| Study program  | Architecture |
| Study Module (if applicable) |  |
| Course title | METAL BUILDING STRUCTURES |
| Level of study | Integrated studies  |
| Type of course | Obligatory  |
| Semester  | Spring |
| Year of study  | 3rd  |
| Number of ECTS allocated | 3 |
| Name of lecturer/lecturers | Todor Vacev |
| Teaching mode | Lectures  |
| **PURPOSE AND OVERVIEW (max. 5 sentences)** |
| Introduction to structural calculation and construction of halls, multi-story buildings and other architectural buildings with steel support structure. Students are prepared for dispositional solving and calculation of halls, multi-story buildings and other architectural buildings with steel support structure. |
| **SYLLABUS (brief outline and summary of topics, max. 10 sentences)** |
| IntroductionSteel productsBasics of calculationsElementsConnectionsProject developmentLoad analysisDesign principlesDevelopment of technical drawings |
| **LANGUAGE OF INSTRUCTION** |
| Serbian (complete course)  |
| **ASSESSMENT METHODS AND CRITERIA** |
| **Pre exam duties** | **Points** | **Final exam** | **points** |
| **Activity during lectures** |  | **Written examination** | **60** |
| **Practical teaching** | **30** | **Oral examination** |  |
| **Teaching colloquia** | **10** | **OVERALL SUM** | **100** |
| **\*Final examination mark is formed in accordance with the Institutional documents** |