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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)** | | | | | | |
| Introduction  Steel products  Basics of calculations  Elements  Connections  Project development  Load analysis  Design principles  Development 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** | | | | | | |