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|  **UNIVERSITY OF NIŠ** |
| **Course Unit Descriptor** | **Faculty** | Faculty of Electronic Engineering |
| **GENERAL INFORMATION** |
| Study program  | Telecommunications |
| Study Module (if applicable) | Radiocommunication engineering and technologies, Telecommunictions and signal processing |
| Course title | Design of telecommunication networks and systems |
| Level of study | ☐Bachelor X Master’s ☐ Doctoral |
| Type of course | X Obligatory ☐ Elective |
| Semester  | ☐ Autumn XSpring |
| Year of study  | 1 |
| Number of ECTS allocated | 4 |
| Name of lecturer/lecturers | Marinković D. Zlatica, Marković V. Vera  |
| Teaching mode | XLectures ☐Group tutorials ☐ Individual tutorials☐Laboratory work X Project work ☐ Seminar☐Distance learning ☐ Blended learning ☐ Other |
| **PURPOSE AND OVERVIEW (max. 5 sentences)** |
| *Objective: Getting to know the content and preparation of technical documentation for telecommunication networks and systems. Introduction to the legal and technical regulations.**Outcomes: Knowledge of regulations and procedures for preparation of the technical documentation for telecommunication networks and systems. Ability to design typical telecommunication networks and systems and to make the corresponding technical documentation.* |
| **SYLLABUS (brief outline and summary of topics, max. 10 sentences)** |
| The legal regulation for the design of telecommunication networks and systems in Serbia. The content and process of making technical documentation. Technical documentation control, control of construction/installation of telecommunication objects and control of the built object. Planning, design and technical regulations for typical telecommunication networks and systems. Examples of actual projects of telecommunication networks and systems. |
| **LANGUAGE OF INSTRUCTION** |
| XSerbian (complete course) X 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** |  | **Written examination** | **20** |
| **Practical teaching (project)** | **30** | **Oral examination** | **20** |
| **Teaching colloquia** | **30** | **OVERALL SUM** | **100** |
| **\*Final examination mark is formed in accordance with the Institutional documents** |