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|  **UNIVERSITY OF NIŠ** |
| **Course Unit Descriptor** | **Faculty**  | Faculty of Electronic Engineering |
| **GENERAL INFORMATION** |
| Study program  | Electrical Engineering and Computing |
| Study Module (if applicable) | Common |
| Course title | Laboratory Practicum - Introduction to Computing |
| Level of study | ☒Bachelor ☐ Master’s ☐ Doctoral |
| Type of course | ☒ Obligatory ☐ Elective |
| Semester  |  ☒Autumn ☐Spring |
| Year of study  | First  |
| Number of ECTS allocated | 3 |
| Name of lecturer/lecturers | Stojanović M. Natalija, Vučković V. Vladan |
| Teaching mode |  ☒Lectures ☐Group tutorials ☐ Individual tutorials ☒Laboratory work ☐ Project work ☐ Seminar ☐Distance learning ☐ Blended learning ☐ Other |
| **PURPOSE AND OVERVIEW (max. 5 sentences)** |
| Acquiring practical knowledge about computer system components, their funcionalities and principles of CPU processing using simulation. Learning the functions of an operating system, mastering the use of basic application and network software and creation of Web sites. Practical knowledge about the functioning of computеr hardware and software, and mastering the use of basic software applications, computer network services and Internet technologies. |
| **SYLLABUS (brief outline and summary of topics, max. 10 sentences)** |
| Introduction to the basic computer components, their connections and performances of computer systems Description of basic instruction set of the CPU simulator and explanation of its operation. Introduction to Windows operating system and application software. Description of operation modes and features of computer networks using network tools and services. Learning basic principles of Internet and how to create simple Web presentations. |
| **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** | **30** |
| **Practical teaching** | **60** | **Oral examination** |  |
| **Teaching colloquia** |  | **OVERALL SUM** | **100** |
| **\*Final examination mark is formed in accordance with the Institutional documents** |