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|  **UNIVERSITY OF NIŠ** |
| **Course Unit Descriptor** | **Faculty**  |  Faculty of Mathematics and Science |
| **GENERAL INFORMATION** |
| Study program  | **Computer Science** |
| Study Module (if applicable) |  |
| Course title |  Methodology of e-learning |
| Level of study | [ ] Bachelor [x]  Master’s [ ]  Doctoral |
| Type of course | [ ]  Obligatory [x]  Elective |
| Semester  |  [ ]  Autumn [x] Spring |
| Year of study  | 1. |
| Number of ECTS allocated | 7 |
| Name of lecturer/lecturers | Ivana Micić |
| Teaching mode |  [x] Lectures [ ] Group tutorials [ ]  Individual tutorials [ ] Laboratory work [ ]  Project work [ ]  Seminar [ ] Distance learning [ ]  Blended learning [ ]  Other |
| **PURPOSE AND OVERVIEW (max. 5 sentences)** |
| *Training for educational work in the field of computer science. Introduction to basic of Moodle and Joomla package. Students will be trained in the practical application of the system of e-learning in schools, as well as for independent creation and designing materials for e-learning.* |
| **SYLLABUS (brief outline and summary of topics, max. 10 sentences)** |
| **Electronic learning (e-learning): pedagogical aspects of e-learning, organization of content for e-learning tools and platforms for e-learning, creating media for e-learning, guided learning environment (Managed Learning Environment - MLE), the benefits of MLE's, multimedia in education, simulations and games in e-learning. Distance Learning: online training, correspondent courses, student-centered learning, control of the learning process and students. School at home: overview, motivation to learn at home, learning methods at home and the general opinion on the matter, special materials, learning without coercion, academic results and social development. Mixed learning: current and alternative use of the term combination of training, e-learning in the context of e-learning. Collaborative software: an overview, three levels of collaboration, implementation, methods of voting. Moodle.** |
| **LANGUAGE OF INSTRUCTION** |
| [x] 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** | **20** | **Oral examination**  | **20** |
| **Teaching colloquia** | **20** | **OVERALL SUM** | **100** |
| **\*Final examination mark is formed in accordance with the Institutional documents** |