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|  **UNIVERSITY OF NIŠ** |
| **Course Unit Descriptor** | **Faculty**  | Electronic Engineering |
| **GENERAL INFORMATION** |
| Study program  | Electrical Engineering and Computing |
| Study Module (if applicable) | Applied Physics |
| Course title | Sensors and Actuators |
| Level of study | ☐Bachelor ☐ Master’s X Doctoral |
| Type of course | ☐ Obligatory X Elective |
| Semester  |  X Autumn ☐Spring |
| Year of study  | 2 |
| Number of ECTS allocated | 10 |
| Name of lecturer/lecturers | Janković D. Nebojša |
| Teaching mode |  XLectures ☐Group tutorials ☐ Individual tutorials ☐Laboratory work ☐ Project work ☐ Seminar ☐Distance learning ☐ Blended learning ☐ Other |
| **PURPOSE AND OVERVIEW (max. 5 sentences)** |
| Acquiring the knowledge for understanding and application of modern sensors and actuators |
| **SYLLABUS (brief outline and summary of topics, max. 10 sentences)** |
| Students obtain the in-depth knowledge about operational principles, fabrication and implementationof modern sensors and actuators. |
| **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** |  |
| **Practical teaching** | **50** | **Oral examination** | **50** |
| **Teaching colloquia** |  | **OVERALL SUM** | **100** |
| **\*Final examination mark is formed in accordance with the Institutional documents** |