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| **UNIVERSITY OF NIŠ** | | | | | | | | |
| **Course Unit Descriptor** | | | **Faculty** | | Faculty of Mechanical Engineering | | | |
| **GENERAL INFORMATION** | | | | | | | | |
| Study Program | **Mechanical Engineering** | | | | | | | |
| Study Module (if applicable) | - | | | | | | | |
| Course Title | Professional Engineering Ethics | | | | | | | |
| Level of Study | ☒Bachelor | | | ☐ Master’s | | | | ☐ Doctoral |
| Type of Course | ☒ Obligatory | | | ☐ Elective | | | | |
| Semester | ☒ Autumn | | | ☐ Spring | | | | |
| Year of Study | IV | | | | | | | |
| Number of ECTS Allocated | 3 | | | | | | | |
| Name of Lecturer/Lecturers | Dragoljub B. Đorđević | | | | | | | |
| Teaching Mode | ☒ Lectures | | | ☒ Group tutorials | | | | ☐ Individual tutorials |
| ☐ Laboratory work | | | ☐ Project work | | | | ☐ Seminar |
| ☐ Distance learning | | | ☐ Blended learning | | | | ☐ Other |
| **Purpose and Overview (max. 5 sentences)** | | | | | | | | |
| Professional Engineering Ethics aims to train future experts, current undergraduate students, to professionally and with full responsibility perform their tasks – paying attention to the consequences of their activities. This relates to short-term and local effects as well as those occuring over a longer period and can encompass both regional and global environment. Furthermore, the syllabus emphasizes the consequences caused by production organization and similar activities in human relations and the status of the psychophysical integrity of employees. | | | | | | | | |
| **Syllabus (brief outline and summary of topics, max. 10 sentences)** | | | | | | | | |
| * Ancient, Christian and medieval relationship towards labour and professional ethics; * Protestant ethics and spirit of capitalism; * Engineering ethics in the 19th century Serbia; * Understanding of engineering ethics in the 20th century; * Ideology of new professions; * Organization and development of engineering ethics; * Engineering and ethics; * Professional engineering ethics; * Relationship between engineering ethics and local, regional and global environmental problems; * Professional ethics and psychophysical integrity of employees. | | | | | | | | |
| **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** | | **5** | **Written Examination** | | | **0 (65\*)** | | |
| **Practical Teaching** | | **5** | **Oral Examination** | | | **30** | | |
| **Teaching Colloquia** | | **60** | **Overall Sum** | | | **100** | | |
| **\*The written part of the exam can be passed by passing the teaching colloquia.** | | | | | | | | |