|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **UNIVERSITY OF NIŠ** | | | | | | |
| **Course Unit Descriptor** | | **Faculty** | | | Faculty of Occupational Safety in Niš | |
| **GENERAL INFORMATION** | | | | | | |
| Study program | | | | Occupational Safety Engineering | | |
| Study Module (if applicable) | | | | / | | |
| Course title | | | | Engineering ethics | | |
| Level of study | | | | ☐Bachelor ☐ Master’s ☒ Doctoral | | |
| Type of course | | | | ☐ Obligatory ☒Elective | | |
| Semester | | | | ☒ Autumn ☐Spring | | |
| Year of study | | | | Second year | | |
| Number of ECTS allocated | | | | 10 | | |
| Name of lecturer/lecturers | | | | Vesna Miltojević | | |
| Teaching mode | | | | ☒ Lectures ☐Group tutorials ☒Individual tutorials  ☐Laboratory work ☐ Project work ☒ Seminar  ☐Distance learning ☐ Blended learning ☐ Other | | |
| **PURPOSE AND OVERVIEW (max. 5 sentences)** | | | | | | |
| *The aim of the course is the acquisition of knowledge that contribute to the development of ethical norms and acceptance of the principles of engineering ethics Among PhD students. In point of fact, students will be able to professionally and responsibly fulfill their tasks ‐ taking into account the consequences of their activities. This can apply to short ‐ term and local consequences as well as to those that occur over a longer period of time and may include the regional and global environment. The ability of future doctors of science to responsibly discern when performing professional practice, to use the knowledge acquired during the course in everyday Interference with scientific, technical, social and ecological environment in which they work, and for which they are responsible.* | | | | | | |
| **SYLLABUS (brief outline and summary of topics, max. 10 sentences)** | | | | | | |
| Ancient, medieval and Christian attitude towards work and professional ethics. The Protestant Ethic and the Spirit of Capitalism. Three traditions of normative ethics significant for engineering business ethics. Engineering ethics in Serbia in the 19th century. Understanding professional ethics in the 20th century (the ideology of new occupations). Engineering ethics: organization and development, professional ethics and the spirit of globalization. Ethical dimensions of technical knowledge; professional ethics as a basis for integration of knowledge society. Engineering ethics in the context of modern business. Engineering ethics and environmental safety ‐ engineering ethics and local, regional and global environmental problems. Codes of Engineering (U.S. and Serbian code of engineering ethics). The consequences of applying technique and science. | | | | | | |
| **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** | | |  |
| **Practical teaching/term papers** | **50** | | **Oral examination** | | | **40** |
| **Teaching colloquia** |  | | **OVERALL SUM** | | | **100** |
| **\*Final examination mark is formed in accordance with the Institutional documents** | | | | | | |