



# UNIVERSITY OF NIŠ

**Course Unit Descriptor****Faculty**

Faculty of Mechanical Engineering

**GENERAL INFORMATION**

Study Program	<b>Mechanical Engineering</b>
Study Module (if applicable)	-
Course Title	Professional Engineering Ethics
Level of Study	<input checked="" type="checkbox"/> Bachelor <input type="checkbox"/> Master's <input type="checkbox"/> Doctoral
Type of Course	<input checked="" type="checkbox"/> Obligatory <input type="checkbox"/> Elective
Semester	<input checked="" type="checkbox"/> Autumn <input type="checkbox"/> Spring
Year of Study	IV
Number of ECTS Allocated	3
Name of Lecturer/Lecturers	Dragoljub B. Đorđević
Teaching Mode	<input checked="" type="checkbox"/> Lectures <input checked="" type="checkbox"/> Group tutorials <input type="checkbox"/> Individual tutorials <input type="checkbox"/> Laboratory work <input type="checkbox"/> Project work <input type="checkbox"/> Seminar <input type="checkbox"/> Distance learning <input type="checkbox"/> Blended learning <input type="checkbox"/> 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 occurring 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 19<sup>th</sup> century Serbia;
- Understanding of engineering ethics in the 20<sup>th</sup> 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**

<b>Pre exam Duties</b>	<b>Points</b>	<b>Final Exam</b>	<b>Points</b>
<b>Activity During Lectures</b>	<b>5</b>	<b>Written Examination</b>	<b>60 (65*)</b>
<b>Practical Teaching</b>	<b>5</b>	<b>Oral Examination</b>	<b>30</b>
<b>Teaching Colloquia</b>	<b>60</b>	<b>Overall Sum</b>	<b>100</b>

\*The written part of the exam can be passed by passing the teaching colloquia.